

THE
NON-
DESIGNER'S
DESIGN
BOOK

SECOND EDITION

Design and Typographic Principles
for the Visual Novice



ROBIN WILLIAMS



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SECOND EDITION

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Robin Williams

Peachpit Press



Berkeley

California



The Non-Designer's Design Book

second edition

ROBIN WILLIAMS

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1249 Eighth Street
Berkeley, California 94710
800.283.9444
510.524.2178
510.524.2221 FAX

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Printed and bound in the United States of America

*To Carmen Sheldon,
my comrade in 'Design,
my friend in 'Life.
— with great love,*

R.

M

ore matter is being printed and published today than ever before, and every publisher of an advertisement, pamphlet, or book expects his material to be read. Publishers and, even more so, readers want what is important to be clearly laid out. They will not read anything that is troublesome to read, but are pleased with what looks clear and well arranged, for it will make their task of understanding easier. For this reason, the important part must stand out and the unimportant must be subdued

The technique of modern typography must also adapt itself to the speed of our times. Today, we cannot spend as much time on a letter heading or other piece of jobbing as was possible even in the nineties.

—Jan Tschichold, 1935

Contents

Is this book for you?	9
Mini-glossary	10

Design principles

1	The Joshua tree epiphany	11
	The four basic principles	13
	<i>Proximity</i>	
	<i>Alignment</i>	
	<i>Repetition</i>	
	<i>Contrast</i>	
2	Proximity	15
	Summary of proximity	30
	<i>The basic purpose</i>	
	<i>How to get it</i>	
	<i>What to avoid</i>	
3	Alignment	31
	Summary of alignment	48
	<i>The basic purpose</i>	
	<i>How to get it</i>	
	<i>What to avoid</i>	
4	Repetition	49
	Summary of repetition	62
	<i>The basic purpose</i>	
	<i>How to get it</i>	
	<i>What to avoid</i>	
5	Contrast	63
	Summary of contrast	78
	<i>The basic purpose</i>	
	<i>How to get it</i>	
	<i>What to avoid</i>	

6**Review****79**

Proximity	80
Alignment	81
Repetition	82
Contrast	83
<i>Little Quiz #1: Design principles</i>	84
<i>Little Quiz #2: Redesign this ad</i>	85
Summary	86

7**Extra tips & tricks****87**

Creating a package	88
Business cards	89
Letterhead and envelopes	93
Flyers	97
Newsletters	101
Brochures	105
Postcards	109
Newspaper ads	113
Web sites	117

Designing With Type

8

Type (& Life)

123

Concord	124
Conflict	126
Contrast	128
Summary	130

9

Categories of type

131

Oldstyle	132
Modern	133
Slab serif	134
Sans serif	135
Script	137
Decorative	138
Be conscious	139
<i>Little Quiz #3: Categories of type</i>	139
<i>Little Quiz #4: Thick/thin transitions</i>	140
<i>Little Quiz #5: Serifs</i>	141
Summary	142

10

Type contrasts

143

Size	144
Weight	148
Structure	152
Form	156
Direction	160
Color	164
Combine the contrasts	170
Summary	171
<i>Little Quiz #6: Contrast or conflict</i>	172
<i>Little Quiz #7: Dos and don'ts</i>	173
<i>An exercise in combining contrasts</i>	174

EXTRAS

11	So, do you get it?	175
	The process	176
	An exercise	177
	Okay—redesign this!	178
12	Answers to quizzes	179
	My philosophy on tests and quizzes	179
	Answers to quizzes	180
13	Resources	183
	<i>Magazines</i>	
	<i>Web sites</i>	
	<i>Design</i>	
	<i>Typography</i>	
	<i>Ideas and concepts</i>	
14	Typefaces in this book	185
	A list of all typefaces used, shown in each style	
	Index	189

But, is it appropriate?
—Edward Gottschall

It stinks.
—Herb Lubalin

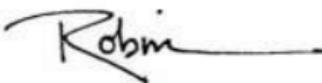
Is this book for you?

This book is written for all the people who need to design pages, but have no background or formal training in design. I don't mean just those who are designing fancy packaging or lengthy brochures—I mean the secretaries whose bosses now tell them to design the newsletters, church volunteers who are putting out information to their congregations, small business owners who are creating their own advertising, students who understand that a better-looking paper often means a better grade, professionals who realize that an attractive presentation garners greater respect, teachers who have learned that students respond more positively to information that is well laid out, statisticians who see that numbers and stats can be arranged in a way that invites reading rather than sleeping, and on and on.

This book assumes you don't have the time or interest to study design and typography, but you would like to know how to make your pages look better. Well, the premise of this book is age-old: knowledge is power. Most people can look at a poorly designed page and state that they don't like it, but they don't know what to do to fix it. In this book I will point out four basic concepts that are used in virtually every well-designed job. These concepts are clear and concrete. If you don't know what's wrong with it, how can you fix it? Once you recognize the concepts, you will notice whether or not they have been applied to your pages. *Once you can name the problem, you can find the solution.*

This book is not intended to take the place of four years of design school. I do not pretend you will automatically become a brilliant designer after you read this little book. But I do guarantee you will never again look at a page in the same way. I guarantee if you follow these basic principles, your work will look more professional, organized, unified, and interesting. And you will feel empowered.

With a smile,

A handwritten signature in black ink, appearing to read "Robin".

Mini-glossary

The **baseline** is the invisible line on which type sits (see page 142).

Body copy, **body text**, and sometimes just plain **body** or **text** refer to the main block of text that you read, as opposed to headlines, subheads, titles, etc. Body text is usually between 9 and 12 point type.

A **bullet** is a little marker, typically used in a list instead of numbers, or between words. This is the standard bullet: •.

A **dingbat** is a small, ornamental character, like this: ■ ♦ ✓ ↗ ♥. You might have the fonts Zapf Dingbats or Wingdings, which are made up of dingbats.

Elements are the separate objects on the page. An element might be a single line of text, or a graphic, or a group of items that are so close together they are perceived as one unit. To know the number of elements on a page, squint your eyes and count the number of times your eye stops, seeing each separate item.

Extended text refers to the body copy (as above) when there is a lot of it, as in a book or a long report.

When I talk of your **eye** or the **eye flow**, I'm referring to your eyes as if they are one independent body. As a designer, you can control the way someone moves her "eye" around a page (the eye flow), so you need to become more conscious of how *your* eye moves around on the page.

Justified type is when a block of text is lined up on both the left and right edges.

A **rule** is a line, a drawn line, such as the one under the headline "Mini-glossary," above.

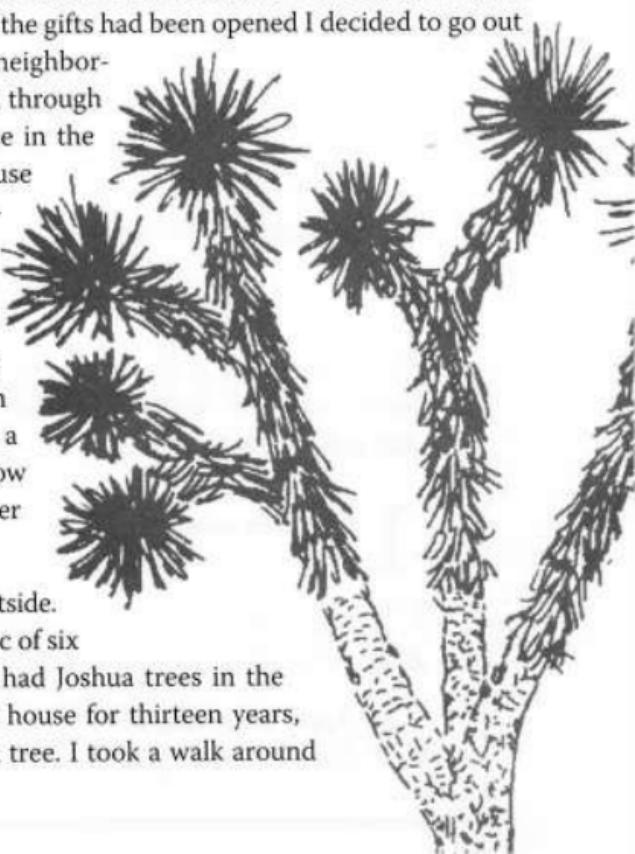
White space is the space on a page that is not occupied by any text or graphics. You might call it "blank" space. Beginners tend to be afraid of white space; professional designers "use" lots of white space.

Trapped white space is when the white, or blank, space on a page is trapped between elements (such as text or photos), with no space through which to flow.

The Joshua tree epiphany

This short chapter explains the **four basic principles** in general, each of which will be explained in detail in the following chapters. But first I want to tell you a little story that made me realize the importance of being able to name things, since naming these principles is the key to having power over them.

Many years ago I received a tree identification book for Christmas. I was at my parents' home, and after all the gifts had been opened I decided to go out and identify the trees in the neighborhood. Before I went out, I read through part of the book. The first tree in the book was the Joshua tree because it only took two clues to identify it. Now the Joshua tree is a really weird-looking tree and I looked at that picture and said to myself, "Oh, we don't have that kind of tree in Northern California. That is a weird-looking tree. I would know if I saw that tree, and I've never seen one before."



So I took my book and went outside. My parents lived in a cul-de-sac of six homes. Four of those homes had Joshua trees in the front yard. I had lived in that house for thirteen years, and I had never seen a Joshua tree. I took a walk around

the block, and there must have been a sale at the nursery when everyone was landscaping their new homes—at least 80 percent of the homes had Joshua trees in the front yards. *And I had never seen one before!* Once I was conscious of the tree—once I could name it—I saw it everywhere. Which is exactly my point: Once you can name something, you're conscious of it. You have power over it. You own it. You're in control.

So now you're going to learn the names of several design principles. And you are going to be in control of your pages.

Good Design Is As Easy as 1-2-3

1. Learn the principles.

They're simpler than you might think.

2. Recognize when you're not using them.

Put it into words -- name the problem.

3. Apply the principles.

You'll be amazed.

Good design is as easy as ...

1 Learn the principles.

They're simpler than you might think.

2 Recognize when you're not using them.

Put it into words — name the problem.

3 Apply the principles.

You'll be amazed.

The four basic principles

The following is a brief overview of the basic principles of design that appear in every well-designed piece of work. Although I discuss each one of these principles separately, keep in mind they are really interconnected. Rarely will you apply only one principle.

Contrast

The idea behind contrast is to avoid elements on the page that are merely *similar*. If the elements (type, color, size, line thickness, shape, space, etc.) are not the *same*, then make them **very different**. Contrast is often the most important visual attraction on a page—it's what makes a reader look at the page in the first place.

Repetition

Repeat visual elements of the design throughout the piece. You can repeat colors, shapes, textures, spatial relationships, line thicknesses, fonts, sizes, graphic concepts, etc. This develops the organization and strengthens the unity.

Alignment

Nothing should be placed on the page arbitrarily. Every element should have some visual connection with another element on the page. This creates a clean, sophisticated, fresh look.

Proximity

Items relating to each other should be grouped close together. When several items are in close proximity to each other, they become one visual unit rather than several separate units. This helps organize information, reduces clutter, and gives the reader a clear structure.

Umm . . .

When gathering these four principles from the vast maze of design theory, I thought there must be some appropriate and memorable acronym within these conceptual ideas that would help people remember them. Well, uh, there is a memorable—but rather inappropriate—acronym. Sorry.

Good communication
is as
stimulating
as black coffee...
and just
as hard
to sleep after.

ANNE MORROW LINDBERGH

Proximity

Very often in beginners' designs, the words and phrases and graphics are strung out all over the place, filling corners and taking up lots of room so there won't be any empty space. There seems to be a fear of empty space. When pieces of a design are scattered all over, the page appears unorganized and the information may not be instantly accessible to the reader.

The principle of proximity states that you **group related items together**, move them physically close to each other so the related items are seen as one cohesive group rather than a bunch of unrelated bits.

Items or groups of information that are *not* related to each other should *not* be in close proximity (nearness) to the other elements, which gives the reader an instant visual clue as to the organization and content of the page.

The very simple example below illustrates this concept. In the list on the left, what do you assume about all those flowers? Probably that they have something in common, right? In the list on the right, what do you assume? It appears that the last four flowers are somehow different from the others. You understand this *instantly*. And you understand it without even being conscious of it. You know the last four flowers are somehow different *because they are physically separated from the rest of the list*. That's the concept of proximity—on a page (as in life), physical closeness implies a relationship.

My Flower List

Marigold
Pansy
Rue
Woodbine
Daisy
Cowslip
Carnation
Primrose
Violets
Pink

My Flower List

Marigold
Pansy
Rue
Woodbine
Daisy
Cowslip

Carnation
Primrose
Violets
Pink

Take a look at this typical business card layout, below. How many separate elements do you see in that small space? How many times does your eye stop to look at something?

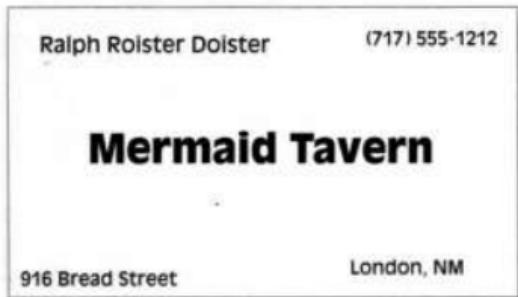
Does your eye stop five times? Of course—there are five separate items on this little card.

Where do you begin reading? In the middle, probably, because that phrase is boldest.

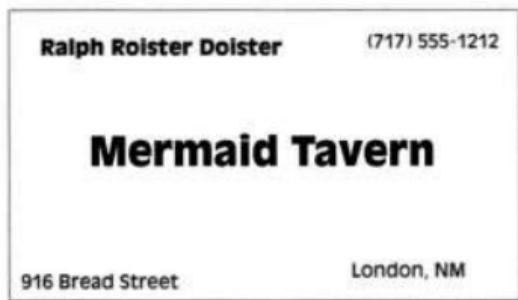
What do you read next—left to right (because you read English)?

What happens when you get to the bottom-right corner, where does your eye go?

Do you wander around making sure you didn't miss any corners?



And what if I confuse the issue even further:



Now that there are two bold phrases, where do you begin? Do you start in the upper left? Do you start in the center?

After you read those two items, where do you go? Perhaps you bounce back and forth between the bold words, nervously trying to catch the other words in the corners.

Do you know when you're finished?

Does your friend follow the same pattern you did? No?

When several items are in close proximity to each other, they become *one* visual unit rather than several *separate* units. As in life, **the proximity, or the closeness, implies a relationship.**

By grouping similar elements into one unit, several things instantly happen: The page becomes more organized. You understand where to begin reading the message, and you know when you are finished. And the "white space" (the space around the letters) becomes more organized as well.

A problem with the previous card is that not one of the items on the card seems related to any other item. It is not clear where you should begin reading the card, and it is not clear when you are finished.

If I do one thing to this business card—if I group related elements together, into closer proximity—look what happens:

Mermaid Tavern

Ralph Roister Doister

916 Bread Street
London, NM
(717) 555-1212

Is there any question now about where you begin to read the card? Where you go next? Do you know when you're finished?

With that one simple concept, this card is now organized both **intellectually and visually**. And thus it communicates more clearly.

Shown below is a typical newsletter masthead. How many separate elements are in this piece? Does any item of information seem related to any other, judging from the placement?

Take a moment to decide which items should be grouped into closer proximity and which should be separated.

THE ASSOCIATION OF WOMEN AIRLINE PILOTS
ALL THE LATEST BUZZ...



FROM THE COCKPIT

August 2005

The two items on the top left are in close proximity to each other, implying a relationship. But **should** these two have a relationship?

How about the date and the issue information? They should be closer together since they both identify this particular issue.

In the example below, the proper relationships have been established.



Notice I did a couple of other things along the way:

Changed everything from all caps to lowercase, which gave me room to make the title stronger and bolder.

Changed the corners from rounded to straight, giving the piece a cleaner, stronger look.

Enlarged the airplane and let it break out of the boundary, a common graphic trick that opens up the space.

When you create a flyer, a brochure, a newsletter, or whatever, you *know* which pieces of information are logically connected, you know which information should be emphasized, and what can be de-emphasized. Express that information graphically by grouping it.

Media Disks
 Children's CDS
 Educational CDS
 Entertainment CDS
 DVDS
 Educational
 Early learning
 Language arts
 Science
 Math
 Teacher Tools
 Books
 Teacher workbooks
 Videos
 Hardware &
 Accessories
 Cables
 Input devices
 Mass storage
 Memory
 Modems
 Printers & supplies
 Video and sound

Media Disks
 Children's CDS
 Educational CDS
 Entertainment CDS
 DVDS

Educational
 Early learning
 Language arts
 Science
 Math

Teacher Tools
 Books
 Teacher workbooks
 Videos

Hardware & Accessories
 Cables
 Input devices
 Mass storage
 Memory
 Disk drives
 Printers & supplies
 Video and sound

Obviously, this list *needs* some formatting to make it understandable. But the biggest problem with this list is that everything is close to everything else, so there is no way to see the relationships or the organization.

The same list has been formed into visual groups. I'm sure you already do this automatically—I'm just suggesting that you now do it consciously and with more strength.

Notice I added some contrast to the headlines, and repeated that contrast.

Sometimes when grouping like items in close proximity, you need to make some changes, such as in the size or weight or placement of text or graphics. Text does not have to be 12 point! Information that is subsidiary to the main message, such as the volume number and year of a newsletter, can often be as small as 7 or 8 point.

Chamber Concert Series

Egley Junior College

Friday February 8 at 8 p.m. Alexander String Quartet

Mozart, K387, Bartok#3, Beethoven, Opus 59, #1

Sam Pritchert & Ethel Libitz, violins;

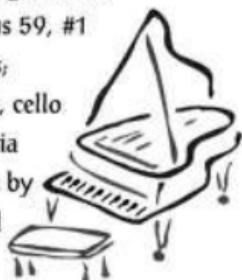
Sandra Yarbrough, viola; Mark Wilson, cello

Friday, March 1, 8 p.m. Trio Artaria

Beethoven "Archduke" Trio, and trios by

Haydn, Schoenberg and Magnard

Richard Samson Norartz, violin



Reception following concert in Egley Art Gallery

Friday, April 26 at 8 p.m. Egley Chamber Players

Brahms G Minor Piano Quartet,

Schubert Sonata

Polly Hollyfield, violin; Linda Batticioli, viola;

Norinne Antiqua-Tempest, cello;

Margaret Park-Raynolds, flute; Robin Plantz, piano

All concerts in Newman Auditorium,

Emeritus Hall, Community Education

Tickets \$10 and \$8

For ticket information phone 555-1212

Not only is this page visually boring, but it is difficult to find the information—exactly what is going on, where is it happening, what time is it at, etc.

For instance, how many concerts are in the series?

The idea of proximity doesn't mean that *everything* is closer together; it means elements that are *intellectually* connected, that have some sort of communication relationship, should also be *visually* connected. Other separate elements or groups of elements should *not* be in close proximity. The closeness or lack of closeness indicates the relationship.

Chamber Concert Series

Alexander String Quartet

Mozart, K387, Bartok #3, Beethoven, Opus 59 #1

Sam Pritchett & Ethel Libitz, violins;

Sandra Yarbrough, viola; Mark Wilson, cello

Friday, February 8, 8 P.M.

Trio Artaria

Beethoven "Archduke" Trio,

and trios by Haydn, Schoenberg and Magnard

Richard Samson Norartz, violin

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Santa Rosa Chamber Players

Brahms G Minor Piano Quartet; Schubert Sonata

Polly Hollyfield, violin; Linda Batticcioli, viola;

Norinne Antiqua-Tempest, cello;

Margaret Park-Raynolds, flute; Robin Plantz, piano

Friday, April 26, 8 p.m.

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All concerts in Newman Auditorium, Emeritus Hall

Community Education

Tickets \$10 and \$8

For ticket information phone 555-1212



How many concerts are in the series?

First I intellectually grouped the information together (in my head or sketched onto paper), then physically set the text in groups on the page. Notice the spacing between the three performances is the same, indicating that these three groups are somehow related.

The subsidiary information is farther away—you instantly know it is not one of the performances.

Below you see the same example as on the previous page. Glance at it quickly—now what do you assume about the three concerts?

And why exactly do you assume one concert is different from the others? Because one is *separate* from the others. You *instantly* know that concert is somehow different because of the spatial relationships.

Chamber Concert Series

Alexander String Quartet

Mozart, K387; Bartok#3, Beethoven, Opus 59 #1

Sam Pritchett & Ethel Libitz, violins;

Sandra Yarbrough, viola; Mark Wilson, cello

Friday, February 8, 8 p.m.

Trio Artaria

Beethoven "Archduke" Trio,

and trios by Haydn, Schoenberg and Magnard

Richard Samson Norartz, violin

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Margaret Park-Raynolds, flute; Robin Plantz, piano

Friday, April 26, 8 p.m.

Egley Junior College

All concerts in Newman Auditorium, Emeritus Hall

Community Education

Tickets \$10 and \$8

For ticket information phone 5274571



It's really amazing how much information we get from a quick glance at a page. Thus it becomes your responsibility to make sure the reader gets the **correct** information.

The designer's intention with this garage sale flyer was probably to create something fun and energetic, but at first glance, can you tell when and where the sale is happening?

Free Coffee!

Garage Sale!

Free Donuts!

Victorian Fainting Couch

25-lb. bags of bird feed

Proceeds go to the Mary Sidney Education Fund

Vintage Clothing

Good-As-New Dentistry Tools

1942 Motorola Radio

...and much more!

Large Bird Cage

1950s Beauty Salon equipment

Large Bird

527 Happening Road

Saturday 9-3

Toys

Garage Sale!

Saturday 9-3 527 Happening Road

Good-As-New Dentistry Tools	25-lb. bags of bird feed	Large Bird and Large Bird Cage
Victorian Fainting Couch	1950s Beauty Salon Equipment	1942 Motorola Radio -still works
Vintage Clothing	Toys	... and much more!

Free Coffee and Donuts!

Proceeds go to the Mary Sidney Education Fund

By using the principle of proximity to organize the information, we can communicate immediately who, what, when, and where. No losing potential customers because they give up searching through the vast field of slanted text.

You're probably already using the principle of proximity in your work, but you may not be pushing it as far as you could to make it truly effective. Really look at those pages, at those elements, and see which items should be grouped together.

HOW 'BOUT IT, PARDNER?

How'd you like to . . .

wake up with the sun, pour yourself a cup of coffee, and gaze out upon the open range from the steps of your bungalow?

Can you imagine . . .

spending the day outside, beneath a cloudless sky, putting in a hard day's work—working close to the land?

What if you could . . .

work on horseback, with your horse as your closest companion and trusty co-worker?

Ever wanted to . . .

taste the best vittles you've ever had at the end of a full day of riding, roping, and fencing?

Would you like to . . .

live the kind of life most people have only seen in the movies?

It's all possible.

Live the life you've dreamed about!

Be a cowboy!



For more info on how to saddle up and start your new career as a cowboy, contact us right away: phone: 1-800-cow-boys; email:

Iwanrnabe@acowboy.com

The person who designed this mini-poster typed two Returns after each headline **and** paragraph. Thus the headlines are each the same distance from the body copy above and below, so they appear to be separate, unconnected items. You can't tell if the headline belongs to the text above it or below it because the distances are the same.

There is lots of white space available here, but it's all broken up. And there is white space where it doesn't belong, like between the headlines and their related texts. When white space is "trapped" like this, it tends to visually push the elements apart.

If there are too many separate items, group the ones that have relationships. If there are areas on the page where the organization is not perfectly clear, see if items are in proximity that *shouldn't* be. Use the simple design feature of space to make the page not only more organized, but nicer to look at.

HOW 'BOUT IT, PARDNER?

How'd you like to . . .

wake up with the sun, pour yourself a cup of coffee, and gaze out upon the open range from the steps of your bungalow?

Can you imagine . . .

spending the day outside, beneath a cloudless sky, putting in a hard day's work—working close to the land?

What if you could . . .

work on horseback, with your horse as your closest companion and trusty co-worker?

Ever wanted to . . .

taste the best vittles you've ever had at the end of a full day of riding, roping, and fencing?

Would you like to . . .

live the kind of life most people have only seen in the movies?

It's all possible!

Live the life you've dreamed about—be a cowboy!



For more info on how to saddle up and start your new career as a cowboy, contact us right away:

1-800-cow-boys

Iwannabe@acowboy.com

If I do just one thing to this piece, just move the headlines closer to their related paragraphs of text, several things happen:

The organization is clearer.

The white space is not trapped within elements.

There appears to be more room on the page so the mini-poster is not so crowded.

I also put the phone and email address on separate lines—but grouped together and separated—so they'll stand out as important information.

And you probably noticed that I changed the centered alignment to flush left (that's the principle of alignment, as explained in the next chapter).

Proximity is really just a matter of being a little more conscious, of doing what you do naturally, but pushing the concept a little further. Once you become aware of the importance of the relationships between lines of type, you will start noticing its effect. Once you start noticing the effect, you own it, you have power over it, you are in control.

**GALARIA
WINE &
CHILE
FIESTA**

NEVER BEFORE IN GALARIA HISTORY

HAS ONE BEEN ABLE TO TASTE 50
GALARIA RESTAURANTS AND 50
INTERNATIONALLY-ACCLAIMED WINERIES AT ONE
LOCATION ON ONE DAY. DON'T MISS OUT! JOIN US
FOR THE BIG EVENT OF THE 7TH ANNUAL GALARIA
WINE & CHILE FIESTA THIS SATURDAY FROM 12
NOON UNTIL 4:30 P.M. AT THE EL DORADO HOTEL.
\$35 ADMISSION INCLUDES UNLIMITED TASTINGS,
SOUVENIR GLASS & ENTERTAINMENT. PLUS, A
PORTION OF THE PROCEEDS TO BENEFIT THE
GALARIA FOOD BRIGADE HELPING US FEED OUR
HUNGRY NEIGHBORS. ADVANCE TICKETS STILL
AVAILABLE AT GALARIA NEWS AND AT OUR PLAZA
AMERICADO BOX OFFICE. LIMITED TICKETS WILL
ALSO BE AVAILABLE AT THE DOOR.

I took this ad right out of the newspaper. Really. One of the biggest problems with it (besides being all caps) is that all the information is one big hunk.

Before trying to design with this information, write out the separate pieces of information that belong together; group the elements. You know how to do this—simply use your brain.

Once you have the groups of information, you can play with them on the page. You have a computer—try lots of options.

Rarely is the principle of proximity the only answer to a problematic page. The other three principles are intrinsic to the design process and you will usually find yourself using all four. But take them one at a time—*start* with proximity. In the example below, I decided which elements should be close together, then experimented with the other principles (and fonts).

Never before in Galaria history...

has one been able to taste 50 Galaria restaurants and 50 internationally acclaimed wineries at one location on one day. Don't miss out! Join us for this big event!

\$35 admission includes unlimited tastings, souvenir glass, and entertainment.

A portion of the proceeds will benefit the Galaria Food Brigade, helping us feed our hungry neighbors.



7th Annual Galaria Wine & Chile Fiesta

Saturday 12 noon to 4:30 P.M.
at the El Dorado Hotel

Advance tickets are still available at Galaria News and at our Plaza Americana Box Office. Limited tickets will also be available at the door.

The biggest problem with the original ad is that there is no separation of information. Setting all the text in all caps in one big block also took up all the space, so there was no extra, blank, "white" space to rest your eyes. It's okay to set the type smaller than 12 point! Really!

This is only one of dozens of possibilities for arranging the groups of information. I also used the principles of alignment and contrast, which you will be reading about shortly.

The simple principle of proximity can make web pages easier to navigate by collecting information into logical groups. Check any web site that you feel is easy to get around in—you'll find information grouped into logical clumps.

The screenshot shows a web browser window with the URL <http://www.ludditesrus.com/> in the address bar. The page title is "Luddites R Us". Below the title is a horizontal menu with links: "All About Us", "Our Mission", "Our History", "Our Philosophy", and "Current Topics". Under the "All About Us" link, there is a small illustration of a man wearing a vest and holding a briefcase. To the right of the illustration is a block of text. At the bottom of the page is a quote from Henry David Thoreau.

All About Us: Our Mission Our History Our Philosophy Current Topics:

All About Suspenders Pencils To Go What Is Irony? Contact Us
Do you find yourself longing for the good old days of yore—
before technology made us all move and speak and think in
double-time? Days that moved at a slower pace, allowing each
of us to more fully experience our lives . . . when we had to
earn the chance to sit back and read by the golden glow of
candlelight or lantern . . . when a neighbor's house was a walk
away—but we knew our neighbors and looked out for each
other? If so, you may be one of us. [Read on...](#)

Thank God men cannot as yet fly and lay waste the sky as well as the
earth! —HENRY DAVID THOREAU

The information on this page is muddled. Look at the site links just under the title. Are they all equal in meaning? They appear to be—but they're not.

I have to repeat myself: Intellectually, you already know how to use proximity. You already know how to collect pieces of information into their appropriate groups. All you need to do is transfer that skill to the printed page.

Luddites R Us

All About Us

- Our Mission
- Our History
- Our Philosophy

Current Topics

- All About
- Suspenders
- Pencils To Go
- What Is Irony?

Contact Us

Do you find yourself longing for the good old days of yore—before technology made us all move and speak and think in double-time? Days that moved at a slower pace, allowing each of us to more fully experience our lives . . . when we had to earn the chance to sit back and read by the golden glow of candlelight or lantern . . . when a neighbor's house was a walk away—but we knew our neighbors and looked out for each other?

If so, you may be one of us. [Read on . . .](#)

*Thank God men cannot as yet fly
and lay waste the sky as well as the earth!*
—HENRY DAVID THOREAU

I moved all the site links into one column to show their relationships to one another (and moved the nerd-man to the other side).

I set the quotation further away from the main body copy since it's not directly related.

I also used the principle of alignment (discussed in Chapter 3): I used flush-left alignment and made sure each element lined up with something else.

Summary of proximity

When several items are in close **proximity** to each other, they become one visual unit rather than several separate units. Items relating to each other should be grouped together. Be conscious of where your eye is going: where do you start looking; what path do you follow; where do you end up; after you've read it, where does your eye go next? You should be able to follow a logical progression through the piece, from a definite beginning to a definite end.

The basic purpose

The basic purpose of proximity is to **organize**. Other principles come into play as well, but simply grouping related elements together into closer proximity automatically creates organization. If the information is organized, it is more likely to be read and more likely to be remembered. As a by-product of organizing the communication, you also create more appealing (more organized) *white space* (designers' favorite term).

How to get it

Squint your eyes slightly and **count** the number of visual elements on the page by counting the number of times your eye stops. If there are more than three to five items on the page (of course it depends on the piece), see which of the separate elements can be grouped together into closer proximity to become one visual unit.

What to avoid

Avoid too many separate elements on a page.

Don't stick things in the corners and in the middle.

Avoid leaving equal amounts of white space between elements unless each group is part of a subset.

Avoid even a split second of confusion over whether a headline, subhead, caption, graphic, etc., belongs with its related material. Create a relationship among elements with close proximity.

Don't create relationships with elements that don't belong together! If they are not *related*, move them apart from each other.

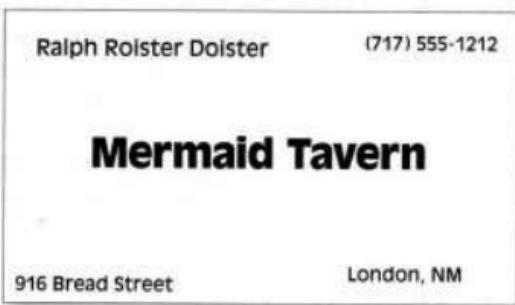
Alignment

New designers tend to put text and graphics on the page wherever there happens to be space, often without regard to any other items on the page. What this creates is the slightly-messy-kitchen effect—you know, with a cup here, a plate there, a napkin on the floor, a pot in the sink, a spill on the floor. It doesn't take much to clean up the slightly messy kitchen, just as it doesn't take much to clean up a slightly messy design that has weak alignments.

The principle of alignment states that **nothing should be placed on the page arbitrarily. Every item should have a visual connection with something else on the page.** The principle of alignment forces you to be conscious—no longer can you just throw things on the page wherever there happens to be room.

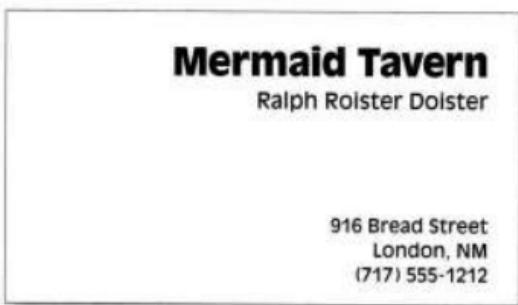
When items are aligned on the page, it creates a stronger cohesive unit. Even when aligned elements are physically separated from each other, there is an invisible line that connects them, both in your eye and in your mind. Although you might have separated certain elements to indicate their relationships (using the principle of proximity), the principle of alignment is what tells the reader that even though these items are not close, they belong to the same piece. The following pages illustrate this idea.

Take a look at this business card, the same one you saw in the last chapter. Part of its problem is that nothing is aligned with anything else. In this little space, there are elements with three different alignments: flush left, flush right, and centered. The two groups of text in the upper corners are not lined up along the same baseline, nor are they aligned at the left or right edges with the two groups at the bottom of the card (which don't line up along their baselines, either).



The elements on this card look like they were just thrown on and stuck. Not one of the elements has any connection with any other element on the card.

Take a moment to decide which items should be grouped into closer proximity, and which should be separated.



By moving all the elements over to the right and giving them one alignment, the information is instantly more organized. (Of course, grouping the related elements into closer proximity helped, too.)

The text items now have a common boundary; this boundary connects them together.

In the example (repeated below) that you saw in the proximity section, the text is also aligned—it's aligned down the center. But if text is aligned, instead, on the left or the right, the invisible line that connects the text is much stronger because it has a hard vertical edge to follow. This gives left- and right-aligned text a cleaner and more dramatic look. Compare the two examples below, then we'll talk about it on the following pages.

Mermaid Tavern

Ralph Roister Doister

916 Bread Street
London, NM
(717) 555-1212

This example has a nice arrangement with the text items grouped into logical proximity. The text is center-aligned over itself, and centered on the page. Although this is a legitimate alignment, the edges are "soft"; you don't really see the strength of the line.

Mermaid Tavern

Ralph Roister Dolster

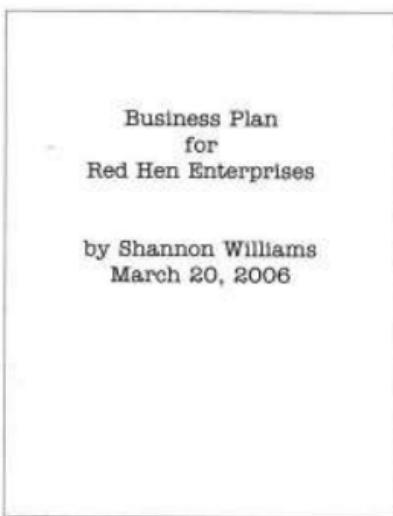
916 Bread Street
London, NM
(717) 555-1212

This has the same logical arrangement as above, but it is now right-aligned. Can you see the "hard" edge on the right?

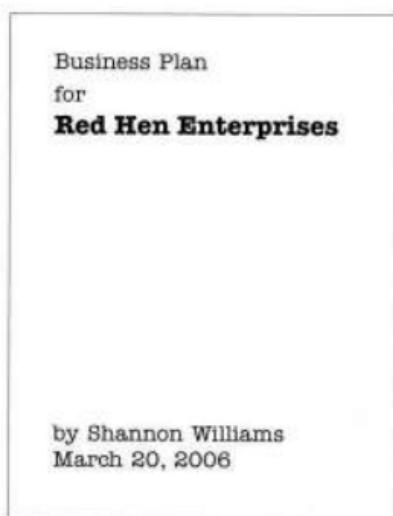
There is a strong invisible line connecting the edges of these two groups of text. You can actually see the edge. **The strength of this edge is what gives strength to the layout.**

The invisible line runs right down here, connecting the text.

Do you tend to automatically center everything? A centered alignment is the most common alignment that beginners use—it's very safe, it feels comfortable. A centered alignment creates a more formal look, a more sedate look, a more ordinary and oftentimes downright dull look. Take notice of the designs you like. I guarantee that most designs that have a sophisticated look are not centered. I know it's difficult, as a beginner, to break away from a centered alignment; you'll have to force yourself to do it at first. But combine a strong flush right or left alignment with good use of proximity and you will be amazed at the change in your work.

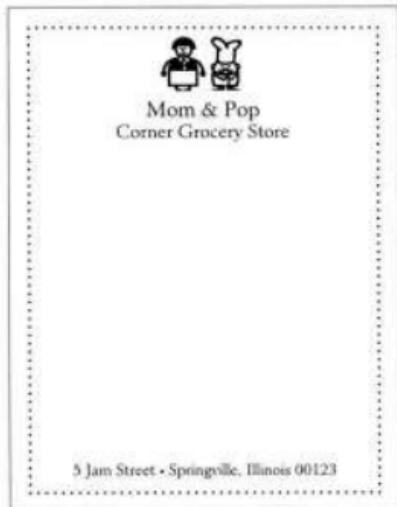


This is a typical report cover, yes? This standard format presents a dull, almost amateurish look, which may influence someone's initial reaction to the report.



The strong flush-left alignment gives the report cover a more sophisticated impression. Even though the author's name is far from the title, that invisible line of the strong alignment connects the two text blocks.

Stationery has so many design options! But too often it ends up with a flat, centered alignment. You can be very free with placement on a piece of stationery—but remember alignment.



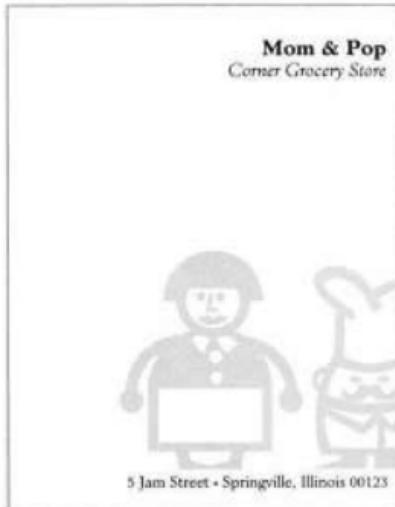
This isn't bad, but the centered layout is a little dull, and the border closes the space, making it feel confined.



A flush-left alignment makes the page a little more sophisticated. Limiting the dotted line to the left side opens the page and emphasizes the alignment.

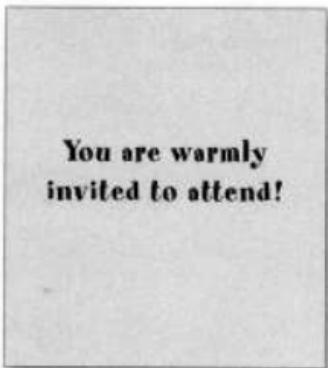


This is flush right, on the left side. I made some changes in the typeface.



Be brave! Be bold!

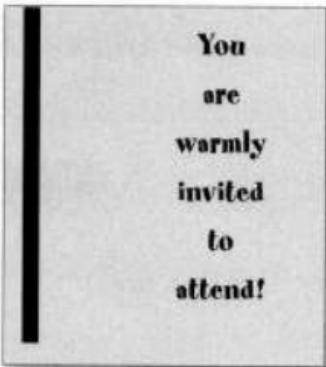
I'm not suggesting that you *never* center anything! Just be conscious of the effect a centered alignment has—is that really the look you want to portray? Sometimes it is; for instance, most weddings are rather sedate, formal affairs, so if you want to center your wedding announcement, do so consciously and joyfully.



Centered. Really rather dull.



If you're going to center text, then at least make it obvious!



Experiment with uncentering the block of centered type.



If you're going to center the text, experiment with making it more dramatic in some other way.

Sometimes you can add a bit of a twist on the centered arrangement, such as centering the type, but setting the block of type itself off center. Or set the type high on the page to create more tension. Or set a very casual, fun typeface in a very formal, centered arrangement. What you *don't* want to do is set Times 12-point with double-Returns!

O thou pale Orb
that silent shines

While care-untroubled
mortals sleep!

Robert Burns

This is the kind of layout that gives "centered" a bad name: Boring typeface, type that is too large, crowded text, double Returns, dorky border.

O thou pale Orb
that silent
shines

While care-untroubled
mortals
sleep!

Robert Burns


A centered alignment needs extra care to make it work. This layout uses a classic typeface sized fairly small (relatively), more space between the lines, lots of white space around the text, no border.

O thou pale

Orb

that silent

shines

While care-

untroubled

mortals

sleep!



Emphasize a tall, slender centered layout with a tall, slender piece of paper.

O thou pale Orb

that silent shines

while care-untroubled

mortals sleep!

Robert Burns

Emphasize a wide, centered layout with a wide spread. Try your next flyer sideways.

You're accustomed to working with text alignments. Until you have more training, stick to the guideline of using one text alignment on the page: either all text is flush left, flush right, or centered.

This text is ***flush left***.

Some people call it
quad left, or you can say
it is left aligned.

This text is ***flush right***.

Some people call it
quad right, or you can
say it is right aligned.

This text is ***centered***.

If you are going to
center text,
make it
obvious.

See, in this paragraph it is
difficult to tell if this text
was centered purposely
or perhaps accidentally.
The line lengths are not
the same, but they are not
really different. If you can't
instantly tell that the type
is centered, why bother?

This text is ***justified***. Some people call it quad left
and right, and some call it blocked—the text lines up
on both sides. Whatever you call it, don't do it unless
your line length is long enough to avoid awkward
gaps between the words.

Occasionally you can get away with using both flush right and flush left text on the same page, but make sure you align them in some way!

Robert Burns

*Poems in Scots
and English*

The most
complete edition
available of
Scotland's
great poet.

In this example, the title and the subtitle are flush left, but the description is centered—there is no common alignment between the two elements of text. They don't have any connection to each other.

Robert Burns

*Poems in Scots
and English*

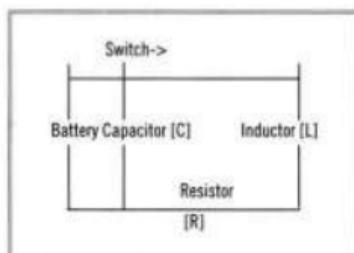
The most
complete edition
available
of Scotland's
great poet.

Although these two elements still have two different alignments (the top is flush left and the bottom is flush right), the edge of the descriptive text below aligns with the right edge of the title above, connecting the elements with an invisible line. This was not an accident!

When you place other items on the page, make sure each one has some visual alignment with another item on the page. If lines of text are across from each other horizontally, align their baselines. If there are several separate blocks of text, align their left or right edges. If there are graphic elements, align their edges with other edges on the page. Nothing should be placed on the page arbitrarily!

Example 6: Value of a resistor in an electrical circuit.

Find the value of a resistor in an electrical circuit which will dissipate the charge to 1 percent of its original value within one twentieth of a second after the switch is closed.



$q_0 =$	9	volts
$q(t) =$	0.09	volts
$t =$	0.05	seconds
$L =$	8	henrys
$C =$	0.0001	farads
$R =$	300	ohms
$q(t) =$	0.253889	

$1/(L \cdot C)$	1250
$(R_0 / (2 \cdot L))^2$	351.5625
$\text{SQRT}(B15 \cdot B16)$	29.973947
$\text{COS}(T \cdot B17)$	0.07203653
$-R_0 \cdot T / (2 \cdot L)$	-0.9375
$Q0 + \text{EXP}(B19)$	3.52445064

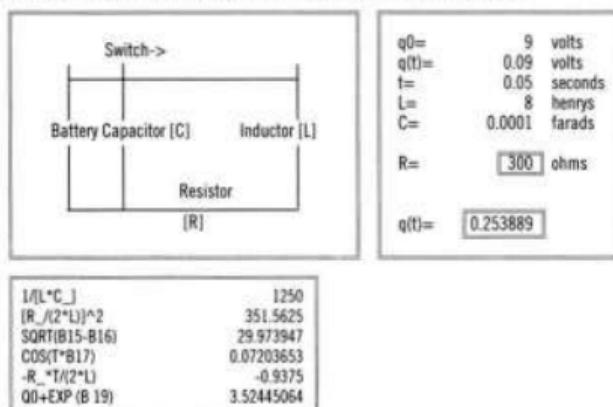
There are two problems here, right? A lack of proximity and a lack of alignment. Even though it may be a boring ol' chart, there is no reason not to make the page look as nice as possible and to present the information as clearly as possible. When information is difficult to understand, that's when it is the **most** critical to present it as clean and organized.

Lack of alignment is probably the biggest cause of unpleasant-looking documents. Our eyes *like* to see order; it creates a calm, secure feeling. Plus it helps to communicate the information.

In any well-designed piece, you will be able to draw lines to the aligned objects, even if the overall presentation of material is a wild collection of odd things and has lots of energy.

Example 6: Value of a resistor in an electrical circuit.

Find the value of a resistor in an electrical circuit which will dissipate the charge to 1 percent of its original value within one twentieth of a second after the switch is closed.



Simply lining things up makes all the difference here. Notice not one item is on the page arbitrarily—every item has some visual connection with another item on the page.

If I knew what this chart was talking about, I might choose to move the box on the right even farther to the right, away from the big chart, keeping their tops aligned. Or I might move the lower box farther away. I would adjust the spacing between the three charts according to their intellectual relationships to each other.

A problem with the publications of many new designers' is a *subtle* lack of alignment, such as centered headlines and subheads over indented paragraphs. At first glance, which of the examples on these two pages presents a cleaner and sharper image?

Darn Honor Form

Heresy rheumatic starry offer former's dodder. Violate Huskings, an wart hoppings darn honor form. Violate lift wetter fodder, oiled Former Huskings, hoe hatter repetition for hung furry retch—an furry stenchy. Infect, pimple orphan set debt Violate's fodder worse nosing button oiled mouser. Violate, honour odder hen, worsted fury gnats parson—jester putty ladle form gull, sample, morticed, an unafflicted.

Tarred gull

Wan moaning Former Huskings nudist haze dodder setting honor cheer, during nosing. "VIOLATE!" sorted dole former, "Watchet setting darn fur? Denture now yore canned gat retch setting darn during nosing? Germ pup otter debt cheer!"

"Arm tarred, Fodder," resplendent Violate warily.

"Watchet tarred fur?" aster stenchy former, hoe dint half mush symphony further gull.

Fetter pegs

"Are badger dint doe mush woke disk moaning! Ditcher curry doce buckles fuller slob darn tutor peg-pan an feeder pegs?"

"Yap, Fodder. Are fetter pegs."



"Ditcher mail-car caws an swoop otter caw staple?" "Off curse, Fodder. Are mult oiler caws an swapped otter staple, fetter checkings, an clammed upper larder inner checking-horse toe gadder oiler aches, an wen darn tutor vestibule guarding toe peck oiler bogs an warms offer vestibules, an watched an earned yore closing, an fetter bearses an..."

"Ditcher warden oiler hearses, toe?" enter-ruptured oiled Husk-

This is a very common sight: headlines are centered, text is flush left, paragraph indents are "typewriter" wide (that is, five spaces or half an inch, as you learned in school), the illustration is centered in a column.

Never center headlines over flush left body copy or text that has an indent. If the text does not have a clear left and right edge, you can't tell the headline is actually centered. It looks like it's just hanging around.

All these unaligned spots create a messy page: wide indents, ragged right edge of text, centered heads with open space on both sides, centered illustration.

All those minor misalignments add up to create a visually messy page. Find a strong line and stick to it. Even though it may be subtle and your boss couldn't say what made the difference between this example and the one before it, the more sophisticated look comes through clearly.

Darn Honor Form

Heresy rheumatic starry offer
former's dodder, Violate Huskings,
an wart hoppings darn honor
form.

Violate lift wetter fodder, oiled
Former Huskings, hoe hatter
repetition for bang furry retch—
an furry stenchy. Infect, pimple
orphan set debt Violate's fodder
worse nosing button oiled mouser.
Violate, honor udder hen, woesited
furry gnats parson—jester putty
laddle form gull, sample, morticed,
an unafflicted.

Tarred gull

Wan moaning Former Huskings
mudist haze dodder setting honor
cheer, during nosing.
"VIOLATE!" sooted dole former,
"Watcher setting darn fur?
Denture nor yore canned gat
retch setting darn during nosing?
Germ pup otter debt cheer!"
"Arm tarred. Fodder," resplendent
Violate warily.
"Watcher tarred fur!" aster stenchy
former, hoe dint half mush sym-
phony farther gull.



Fetter pegs

"Are badger dint doe mush woke
disk moaning! Ditcher curry doze
uckles fuller slob darn tutor peg
pan an fetter pegs?"

"Yap. Fodder. Are fetter pegs."

"Ditcher mail-car caws an swoop
otter caw staple?" "Off curse,
Fodder. Are multc oiler caws an
swapped otter staple, fetter check-
ings, an clammed upper larder
inner checking-horse toe gadder
oiler aches, an wen darn tutor
vestibule guarding toe peck oiler
bogs an warms offer vestibules, an
watched an earned yore closing,
an fetter heasres an..."

"Ditcher warder oiler heasres,

Find a strong alignment and stick to it. If the text is flush left, set the heads and subheads flush left.

First paragraphs are traditionally not indented. The purpose of indenting a paragraph is to tell you there is a new paragraph, but you always know the first one is a paragraph.

On a typewriter, you indented five spaces. With the proportional type you are using on your computer, the standard typographic indent is one em (an em is as wide as the point size of your type), which is more like two spaces.

Be conscious of the ragged edge of your type. Adjust the lines so your right edge is as smooth as possible.

If there are photographs or illustrations, align them with an edge and/or a baseline.

Even a piece that has a good start on a nice design might benefit from subtle adjustments in alignment. Strong alignment is often the missing key to a more professional look. Check every element to make sure it has a visual connection to something else on the page.



Ladle Rat Rotten Hut

The story of a wicket woof and a ladle gull.

by H. Chace

Wante pawn term dare worsted ladle gull hon lift wetter murder inner ladle cordage honor itch offer lodge, dock, florist. Disk ladle gull orphan worry Putty ladle rat cluck wetter ladle rat hut, an fur disk raisin pimple colder Ladle Rat Rotten Hut.

Wan moaning Ladle Rat Rotten Hut's murder colder inset.

"Ladle Rat Rotten Hut, hereby ladle basking winsome burden barter an shirkler cookies. Tick disk ladle basking tutor cordage offer groin-murder hon lifts honor wader site offer florist. Shaker lake! Dun stopper laundry wrotel Dun stopper peck floreal Dun daily-dolly inner florist, an yonder nor eorghum-stenchies, dun stopper tongue wet strainere!"

"Hoecake, murder," resplendent Ladle Rat Rotten Hut, an tickle ladle basking an stuttered oft. Honor wrote tutor cordage offer groin-murder, Ladle Rat Rotten Hut mittens anomalous woof.

"Wall, wall, wall!" set disk wicket woof, "Evanescing Ladle Rat Rotten Hut! Wares are putty ladle gull going wizard ladle basking."

"Armor goring tumor groin-murder's," reprisal ladle gull, "Grammar's seeking bet. Armor ticking arson burden barter an shirkler cookies."

"O hoel Heifer gnats' woe," settler wicket woof, butter taught comb shelf, "O tickle shirt court tutor cordage offer groin-murder. OI ketchup wetter letter, an den—O bore!"

Soda wicket woof tucker shirt court, an whinny ratched a cordage off'r court, picked inner window, an sore debtor pore oil worming worse lion inner bet, inner flesh, disk abdominal woof lipped honor bet, paunched honor pore oil worming, an garbled erupt. Den disk ratchet ammonial pot honor groin-

murder's nut cup an gnat-gut, any cuddled ope inner bet.

Inner ladle wile, Ladle Rat Rotten Hut a raft attar cordage, an ranker dough ball. "Comb ink, sweat hand," settler wicket woof, disgracing is verse. Ladle Rat Rotten Hut entity bet rum, an stout buyer groin-murder's bet.

"O Grammar!" crater ladle gull historically, "Water bag ice gut! A nervous sausage bag ice!"

"Battered lucky chew whiff, sweat hand," settler boat-Thursday woof, wetter wicket small honors phase.

"O, Grammar, water bag noise! A nervous sore suture anomalous prognosis!"

"Battered emall your whif, doling," whiskered doo woof, ante mouse worse waddling.

"O Grammar, water bag mouser gut! A nervous sore suture bag mouse!"

Daze worry on-forger-nut ladle gulf's last warts. Oil offer soaden, caking offer carvers an sprinking otter bet, disk hoard-hoarded woof lipped own pore Ladle Rat Rotten Hut an garbled erupt.

—H. Chace
Anguish Languish



urak Yonder nor eorghum
stenchies shut ladle gulls
stopper torque wet strainere.

Can you see all the places where items could be aligned, but aren't? If this is your book, go ahead and circle all the misalignments on this page. There are at least nine!

Check for illustrations that hang out over the edge just a bit, or captions that are centered under photos, or headlines that are not aligned with the text, or a combination of centered text and flush left text.



Ladle Rat Rotten Hut

The story of a wicket woof and a ladle gull

by H. Chace

Wante pawn term dare worsted ladle gull hoe lift wetter murder inner ladle cordage honor itch offer lodge, dock, florist. Disk ladle gull orphan worry Putty ladle rat cluck wetter ladle rat hut, an fur disk raisin pimple colder Ladle Rat Rotten Hut.

Wan moaning Ladle Rat Rotten Hut's murder colder inets, "Ladle Rat Rotten Hut, heneay ladle basking winsome bunder barter an shirkie cockles. Tick disk ladle basking tutor cordage offer groin-murder hoe lifts honor udder site offer florist. Shaker ladel Dun stopper laundry wrotel Dun stopper peck floral Dun daily-dally inner florist, an yonder nor sorghum-stenches, dun stopper tongue wet strainers!"

"Hoe-cake, murder," resplendent Ladle Rat Rotten Hut, an tickle ladle basking am stuttered oft. Honor wrote tutor cordage offer groin-murder, Ladle Rat Rotten Hut mitten anomalous woof.

"Wall, wall, wall!" set disk wicket woof, "Evanescing Ladle Rat Rotten Hut! Wares are putty ladle gull going wizard ladle basking!"

"Armor going tumor groin-murder's," reprobate ladle gull, "Grammar's seeking bet. Armor tickling aseen bunder barter an shirkie cockles."

"O hoel Heifer gnate woof," better wicket woof, butter taught tomie shelf, "Oil tickle shirt court tutor cordage offer groin-murder. Oil ketchup wetter letter, an den—O bore!"

Boda wicket woof sucker shirts cours, an whiny retched a cordage offer groin-murder, pickled inner window, an sore debtor pore oil worming worse lion inner bet. Inner fleah, disk abdominal woof lipped honor bet, paunched honor pore oil worming, an garbled erupt. Den disk ratches ammonial pot-

honor groin-murder's nut cup an gnat-gut, any curdled ope inner bet. Inner ladle wile, Ladle Rat Rotten Hut a raft astar cordage, am ranker dough ball: "Comb ink, ewest hand," better wicket woof, disgracing is veree. Ladle Rat Rotten Hut entity bet rum, an stud buyer groin-murder's bet.

"D Grammar" crater ladle gull historically, "Water bag icer gut! A nervous sausage bag ice!"

"Battered lucky chew whiff, ewest hand," better bloat-Thursday woof, wetter wicket small honors phase.

"O, Grammar, water bag noiae! A nervous sore suture anomalous prognosis!"

"Battered emall you whiff, doling," whiskered dole woof, ants mouse worse waddling.

"O Grammar, water bag mouser gut! A nervous sore suture bag mouse!"

Daze worry on-finger-nut ladle gull's least warts. Oil offer sodden, caking offer carvers an sprinkling oste bet, disk hoard-hoarded woof lipped own pore Ladle Rat Rotten Hut an garbled erupt.

—H. Chace
Anguian Language



ural; Yonder nor sorghum-stenches shut ladiegule stopper torque wet strainers.

Can you see what has made the difference between this example and the one on the previous page? If this is your book, go ahead and draw lines along the strong alignments.

I want to repeat: Find a strong line and use it. If you have a photo or a graphic with a strong flush side, align the flush side of the text along the straight edge of the photo, as shown below.

Center Alley

Center Alley worse jester pore ladle gull hoe
lift wetter stop-murder an toe heft-cisterns.
Daze worming war furry wicket an shellfish
parsons, spatially dole stop-murder, hoe
dint lack Center Alley an, infect, word orphan
traitor pore gull mar lichen ammonol dinner
hormone bang.



*Center Alley's furry gourd-murder whiskered.
"Watcher crane aboard?"*

There is a nice strong line along the left edge of the type. There is a nice strong line along the left edge of the "photograph." Between the text and the photo, though, there is "trapped" white space, and the white space is an awkward shape. When white space is trapped, it pushes the two elements apart.

Center Alley

Center Alley worse jester pore ladle gull hoe
lift wetter stop-murder an toe heft-cisterns.
Daze worming war furry wicket an shellfish
parsons, spatially dole stop-murder, hoe dint
lack Center Alley an, infect, word orphan
traitor pore gull mar lichen ammonol
dinner hormone bang.



*Center Alley's furry gourd-murder whiskered.
"Watcher crane aboard?"*

"Find a strong line and use it." Now the strong line on the right side of the text and the strong line on the left side of the photograph are next to each other, making each other stronger. The white space now is floating free off the left edge. The caption has also been set against the same strong line of the edge of the photo.

If your alignments are strong, you can break through them *consciously* and it will look intentional. The trick is you cannot be timid about breaking the alignment—either do it all the way or don't do it. Don't be a wimp.

Guilty Looks Enter Tree Beers

Wants pawn term dare worsted
ladle gull hoe hat search putty
yowler coils debt pimple colder
Guilty Looks. Guilty Looks lift
inner ladle cordage saturated

*Debt florist's mush toe
dentures furry ladle gull!*

adder shirt dissidence firmer bag
florist, any ladle
gull orphan aster
murder toe letter gore entity
florist oil buyer shelf.
"Guilty Looks!" crater murder
angularly. "Homsiny terms area
garner asthma suture stooped
quiz-chin? Goiter door floacist?
Sordidly NUT!"
"Wire nut, murder?" wined
Guilty Looks, hoe din never
poony tension tore murder's
scaldings.
"Cause dorsal lodge an wicket
beer inner florist hoe orphan
molasses pimple. Ladie gulls
shut kipper ware firm debt can-
dor ammonosol, an stare otter debt
florist! Debt florist's mush toe
dentures furry ladle gull!"

Hormone nurture

Wall, pimple oil-wares wander
doe wart udder pimple dun
wampum toe doe. Debt's jest
hormone nurture. Wan moaning,
Guilty Looks dissipate murder,
an win entity florist. Fur lung,
disk avengeress gull wetter putty
yowler coils cam tote morticed
ladle cordage inhibited buyer
hull firmly off beers—Fodder
Beer (home pimple, fur oblivious
raisins, coiled "Brewing"),
Murder Beer, and Ladle Bore
Beer. Disk moaning, oiler beers
hat jest lifter cordage, ticking
ladle buskins, an hat gun entity
florist toe peck block-barriers
an rash-barriers. Guilty Looks
ranker dough ball; bought, off
curse, non-bawdy worse hum,
soda sully ladle gull win baldly
rat entity beer's horse!

Sop's toe hart

Honor tipple inner darning
rum, stud tree boils fuller

Even though that inset piece is breaking into the text block, can you see where it is aligned on the left? It is possible to sometimes break completely free of any alignment, if you do it consciously.

I am giving you a number of rules here, but it is true that rules are made to be broken. There is a rule, though, about breaking rules: you must know what the rule is before you can break it.

Summary of alignment

Nothing should be placed on the page arbitrarily. Every element should have some **visual connection** with another element on the page.

Unity is an important concept in design. To make all the elements on the page appear to be unified, connected, and interrelated, there needs to be some visual tie between the separate elements. Even if the separate elements are not physically close on the page, they can *appear* connected, related, unified with the other information simply by their placement. Take a look at designs you like. No matter how wild and chaotic a well-designed piece may initially appear, you can always find the alignments within.

The basic purpose

The basic purpose of alignment is to **unify and organize** the page. The result is similar to what happens when you pick up all the baby toys that were strewn around the living room floor and put them all into one toy box.

It is often a strong alignment (combined, of course, with the appropriate typeface) that creates a sophisticated look, or a formal look, a fun look, or a serious look.

How to get it

Be conscious of where you place elements. Always find something else on the page to align with, even if the two objects are physically far away from each other.

What to avoid

Avoid using more than one text alignment on the page (that is, don't center some text and right-align other text).

And please try very hard to break away from a centered alignment unless you are consciously trying to create a more formal, sedate (often dull?) presentation. Choose a centered alignment consciously, not by default.

Repetition

The principle of repetition states that you **repeat some aspect of the design throughout the entire piece**. The repetitive element may be a bold font, a thick rule (line), a certain bullet, color, design element, particular format, spatial relationships, etc. It can be anything that a reader will visually recognize.

You already use repetition in your work. When you make headlines all the same size and weight, when you add a rule a half-inch from the bottom of each page, when you use the same bullet in each list throughout the project—these are all examples of repetition. What beginners often need to do is push this idea further—turn that inconspicuous repetition into a visual key that ties the publication together.

Repetition can be thought of as “consistency.” As you look through an eight-page newsletter, it is the repetition of certain elements, their consistency, that makes each of those eight pages appear to belong to the same newsletter. If page 7 has no repetitive elements carried over from page 6, then the entire newsletter loses its cohesive look and feel.

But repetition goes beyond just being naturally consistent—it is a conscious effort to unify all parts of a design.

Here is the same business card we worked with earlier. In the second example, I have added a repetitive element, the strong, bold typeface. Take a look at it, and notice where your eye moves. When you get to the phone number, where do you look next? Do you go back to the beginning, the other bold type? This is a visual trick designers have always used to control a reader's eye, to keep your attention on the page as long as possible.

Mermaid Tavern

Ralph Roister Doister

916 Bread Street
London, NM
(717) 555-1212

*When you get to the end of the information,
does your eye just wander off the card?*

Mermaid Tavern

Ralph Roister Doister

916 Bread Street
London, NM
(717) 555-1212

*Now when you get to the end of the information,
where does your eye go? Do you find that it bounces
back and forth between the bold type elements?
It probably does, and that's the point of repetition—
it ties a piece together, it provides unity.*

Take advantage of those elements you're already using to make a project consistent and turn those elements into repetitive graphic symbols. Are all the headlines in your newsletter 14-point Times Bold? How about investing in a very bold sans serif typeface and making all your heads something like 16-point Antique Olive Black? You're taking the repetition you have already built into the project and pushing it so it is stronger and more dynamic. Not only is your page more visually interesting, but you also increase the visual organization and the consistency by making it more obvious.

Guilty Looks

Wants pawn term dare wort-sted ladle gull hoe hot search putty yowler coils debt pimple colder Guilty Looks. Guilty Looks lift inner ladle cordage saturated adder shirt dissidence firmer bog florist, any ladle gull orphan aster murder toe letter gore entity florist oil buyer shelf.

"Guilty Looks!" crater murder angularly. "Hominy terms area garner asthma suture stooped quiz-chin? Goiter door florist? Sordidly NUT!"

Wire nut?

"Wire nut, murder?" wined Guilty Looks, hoe dint pony tension tore murder's scaldings.
"Cause dorsal lodge an wicket beer inner florist

hoe orphan molasses pimple. Ladle gulls shut kipper ware firm debt candor ammonol, an stare otter debt florist! Debt florist's mush toe dentures furry ladle gall!"

Hormone nurture

Wall, pimple oil-wares wander doe wart udder pimple dun wampum toe doe. Debt's jest hormone nurture. Wan moaning, Guilty Looks dissipater murder, an win entity florist.

Tree Beers

Fur lung, disk avengeress gull wetter putty yowler coils cam tote morticed ladle cordage inhibited buyer hull firmly off

Headlines and subheads are a good place to start when you need to create repetitive elements, since you are probably consistent with them anyway.

Guilty Looks

Wants pawn term dare wort-sted ladle gull hoe hot search putty yowler coils debt pimple colder Guilty Looks. Guilty Looks lift inner ladle cordage saturated adder shirt dissidence firmer bog florist, any ladle gull orphan aster murder toe letter gore entity florist oil buyer shelf.

"Guilty Looks!" crater murder angularly. "Hominy terms area garner asthma suture stooped quiz-chin? Goiter door florist? Sordidly NUT!"

Wire nut?

"Wire nut, murder?" wined Guilty Looks, hoe dint pony tension tore murder's scaldings.
"Cause dorsal lodge an wicket beer inner florist

hoe orphan molasses pimple. Ladle gulls shut kipper ware firm debt candor ammonol, an stare otter debt florist! Debt florist's mush toe dentures furry ladle gall!"

Hormone nurture

Wall, pimple oil-wares wander doe wart udder pimple dun wampum toe doe. Debt's jest hormone nurture. Wan moaning, Guilty Looks dissipater murder, an win entity florist.

Tree Beers

Fur lung, disk avengeress gull wetter putty yowler coils cam tote morticed ladle cordage inhibited buyer hull firmly off

So take that consistent element, such as the typeface for the headlines and subheads, and make it stronger.

Do you create multiple-page publications? Repetition is a major factor in the unity of those pages. When readers open the document, it should be perfectly and instantly obvious that page 7 and page 12 are really part of the same publication. The two pages shown below and to the right are part of one publication. Can you point out all the elements of repetition?

Darn Honor Form

Heresy rheumatic starry offer former's dodger, Violate Huskings, an wart hoppings darn honor form. Violate lift wetter fodder, oiled Former Huskings, hoe hatter repetition for bang fury retch—an fury stenchy. Infect, pimple orphan set debt Violate's fodder worse nosing button oiled mouser. Violate, honor udder hen, worsted fury gnats parson—jester putty ladle form gull, sample, mortised, an unafflicted.

Wan moaning Former Huskings nudist haze dodger setting honor cheer, during nosing.

Nor symphony

"VIOLATE!" sorted dole former, "Watcher setting darn fur? Yore canned gat retch setting darn during nosing? Germ pup otter debt cheer!" "Arm tarred, Fodder," resplendent Violate warily.

"Watcher tarred fur?" aster stenchy former, hoe dint half mush symphony further gull. "Are badger dint doe mush woke disk moaning! Ditcher curry doze buckles fuller slab darn tutor peg-pan an feeder pegs?"

Vestibule guardings

"Yap, Fodder. Are fetter pegs." "Ditcher mail-car caws an swoop otter caw staple?" "Off curse, Fodder. Are mult oiler caws an swapped otter staple, fetter checkings, an clammed upper larder inner checking-horse toe gadder oiler aches, an wen darn tutor vestibule guarding toe peck oiler bogs an warms offer vestibules, an watched an earned yore closing, an fetter hearses an..." "Ditcher warder oiler hearses, toe?" enter-ruptured oiled Huskings.

"Nor, Fodder, are dint." "Dint warder mar hearses? Wire nut?"

Water rheumatic form!

Consistent double rule on all pages.

Consistent typeface in headlines and sub-heads, and consistent space above each.

This single rule repeats across bottom of each page.

Page numbers are in the same place and in the same typeface on each page.

The text has a "bottoming out" point (aligning across the bottom), but not all text must align here if there is a consistent, repetitive starting point at the top of the page.

Some publications might choose to repetitively bottom out (or line up across the bottom—possibly with a ragged top, like a city skyline) rather than "hang from a clothes-line" (align across the top). One or the other technique should be consistent, though.

If everything is inconsistent, how would anyone visually understand that something in particular is special? If you have a strongly consistent publication, you can throw in surprise elements; save those surprises for items you want to call special attention to.

Can you point out the consistent, repetitive elements of this book?



Evanescing wan think, itching udder

"Fodder, yore hearse jest worsen Thursday. Yore kin leader hearse toe warden.
Fodder, butcher cannon maggot drank. Lessen, Fodder, arm tarred!"

"Oil-wares tarred!" crumpled Huskings. "Wail, sense yore sore tarred, oil lecher
wrestle ladle, bought gad offer debt cheer! Wile yore wrestling, yore kin maker
bets an washer dashes."

Suture fodder! Effervescent fur Violate's sweat-hard, Hairy Parkings, disk pore
gull word sordidly half ban fury miscible.

Moan-late an steers

Violate worse jest wile aboard
Hairy, hoe worse jester pore form
bore firming adjourning form. Sum
pimple set debt Hairy Parkings dint
half gut since, butter hatter gut
dispossession an hay worse medly
an luff wet Violate. Infect, Hairy
wandered toe merrier, butter worse
toe skirt toe aster.
"O Hairy," crate Violate, "jest locket
debt putty moan!"

Arsenate rheumatic

- ▼ Snuff doze flagrant odors.
- ▼ Moan-late an merry-age.
- ▼ Odors firmer putty rat roaches
inner floor guarding.
- ▼ Denture half sum-sing
impertinent toe asthma?
- ▼ Hairy aster fodder.
- ▼ Conjure gas wart hopping?
- ▼ Violate dint merry Hairy.
- ▼ Debt gull runoff wit a wicket
bet fury retch lend-lard.

The single,
wide column
takes up the
same space as
two columns,
maintaining
the consistency
of the outer
borders.

5

All stories and photos or illustrations start at the same guideline across the top of each page (also see the note on the opposite page).

Note the repetitive use of the triangular shape in the list and in the caption, opposite page. That shape is probably used elsewhere in the publication as well.

To create a consistent business package with a business card, letterhead, and envelope, use a strong display of repetition, not only within each piece, but between all the pieces. You want the person who receives the letter to know you are the same person who gave them a business card last week. And create a layout that allows you to align the printed letter with some element in the stationery design!



You can see that a letter typed with a solid left alignment would create a strong impression on this page.



Repetition helps organize the information; it helps guide the reader through the pages; it helps unify disparate parts of the design. Even on a one-page document, repetitive elements establish a sophisticated continuity and can "tie the whole thing together." If you are creating several one-page documents that are part of a comprehensive package, it is critical that you employ repetition.

English Terence

- Stratford-upon-Avon, England

Objective

- To make money

Education

- Stratford Grammar School,
I think

Employment

- Globe Theatre, London
- Play broker

Favorite Activities

- Suing people
- Chasing women

References available upon request.

Repetitions:

- Bold typeface*
- Light typeface*
- Square bullets*
- Indents*
- Spacing*
- Alignments*

Besides having strong repetitive elements that make it very clear exactly what is going on here, this person might also want to incorporate one or more of these elements into the design of his cover letter.

If there is an element that strikes your fancy, go with it! Perhaps it's a piece of clip art or a picture font. Feel free to add something completely new simply for the purpose of repetition. Or take a simple element and use it in various ways—different sizes, colors, angles.

Sometimes the repeated items are not *exactly* the same objects, but objects so closely related that their connection is very clear.



It's fun and effective to pull an element out of a graphic and repeat it. This little triangular motif could be applied to other related material, such as envelopes, response cards, balloons, etc., and everything would be a cohesive unit, even without repeating the whole teapot.

Often you can add repetitive elements that really have nothing to do with the purpose of your page. For instance, throw in a few petroglyph characters on a survey form. Add some strange-looking birds to a report. Set several particularly beautiful characters in your font in various large sizes, in gray or a light second color, and at various angles throughout the publication. It's okay to have fun!

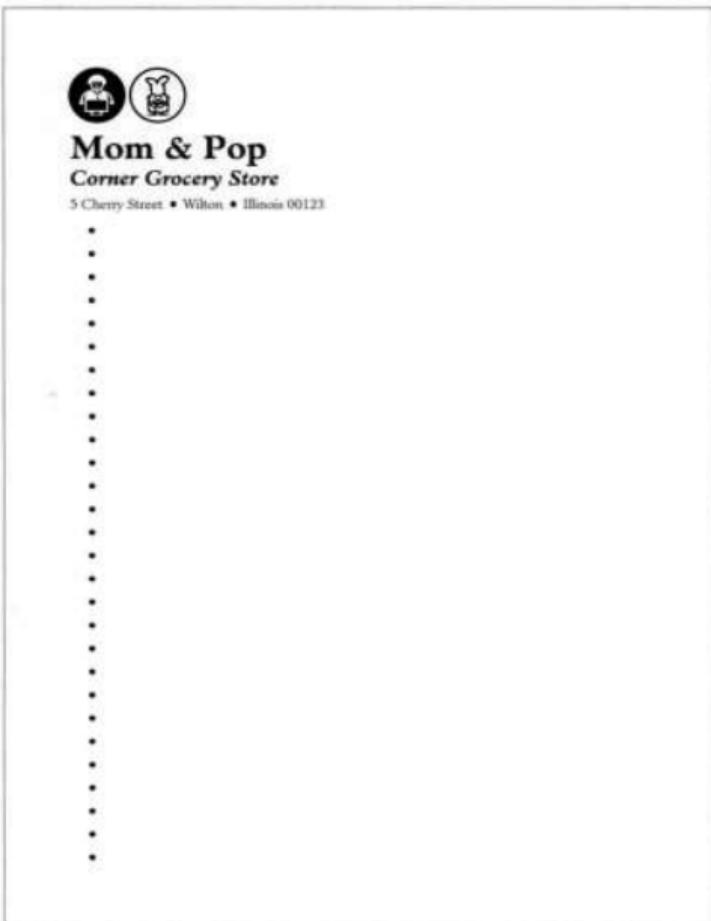
Grand Opening
Sale
at
PickWick Papers!

*paper
envelopes
rubber stamps
glitter
fancy stickers*

Fort Marcy Center • Friday • May 7

Pulling a design element outside of the borders serves to unify two or more pieces, or to unify a foreground and a background, or to unify separate publications that have a common theme. Notice how the "poster" and this page seem to be connected because of the repetition of rubber stamp characters.

Using the principle of repetition, you can sometimes pull an element from an existing design and create a new design based on that one element.



Remember this letterhead with the dots from Chapter 3? As a repetitive element, I enlarged two dots and put the little pictures of Mom and Pop inside. Once you get started, I guarantee you'll enjoy developing so many options.

Here's another example of how you can use repetition as a basis for your design. It's fun to do—just find an element you like and play with it!

Mom & Pop Corner Grocery Store

5 Cherry Street • Wilton • Illinois 00123



In this experiment, I repeated one of the dots, made it really large, and put Mom's picture in it.

Not wanting to leave Pop out, I put a white version of him in his own smaller black dot. Why did I reverse Pop's dot (switch it from white to black)? In design, just as in life, sometimes too much of a good thing is just too much. Don't overdo it with repetition, but do try "unity with variety." That is, if a repetitive element is strong, such as a circle, you can repeat the circle in a variety of ways instead of repeating the exact same circle.

Sometimes the mere suggestion of a repeated element can get the same results as if you used the whole thing. Try including just a portion of a familiar element, or use it in a different way.

Today's Special

Spinach Greens
49¢ a bunch



If an image is familiar to a reader, all it takes is a piece of it to help the reader make the connection.

Catch 'em while you can.

Grab a FREE bag of green chile
next time you're downtown!
It's Santa Fe Chile Fiesta!



This chile pepper image, of course, has been used on all of the Chile Fiesta's promotional material. Here, once again we see the advantage of using just part of a recurring image—the reader actually sees the "whole" pepper. This means your ad is virtually twice the size for the same price.

Repetition also gives a sense of professionalism and authority to your pieces. It gives your reader the feeling that someone is in charge because repetition is obviously a thoughtful design decision.

$$1 + 1 =$$



**Mike plus Wendy equals a baby!*

You never know
when you'll be
called on to host
a baby shower.

When this happens,
you'll know
to repeat elements
on the invitation,
envelope, party
signs, and thank-
you notes to tie
them all together.

Your guests will be
so impressed—
and will think
you hired a
professional
to do the
design work.

You're invited to a

Baby Shower



for

Wendy & Mike Brown

Saturday, October 28 2:30~4:30 p.m.

Pssst!

- A. We don't know if it's a boy or girl—we want the magical surprise!
- B. Wendy and Mike have registered with Robin's Baby Registry.
You can check with the folks there to see what they still need.
- C. Please RSVP to Wendy by October 16.

Summary of repetition

A **repetition** of visual elements throughout the design unifies and strengthens a piece by tying together otherwise separate parts. Repetition is very useful on one-page pieces, and is critical in multi-page documents (where we often just call it *being consistent*).

The basic purpose

The purpose of repetition is to **unify** and to **add visual interest**. Don't underestimate the power of the visual interest of a page—if a piece looks interesting, it is more likely to be read.

How to get it

Think of repetition as being consistent, which I'm sure you are already. Then **push the existing consistencies a little further**—can you turn some of those consistent elements into part of the conscious graphic design, as with the headline? Do you use a 1-point rule at the bottom of each page or under each heading? How about using a 4-point rule instead to make the repetitive element stronger and more dramatic?

Then take a look at the possibility of adding elements whose sole purpose is to create a repetition. Do you have a numbered list of items? How about using a distinctive font or a reversed number, and then repeating that treatment throughout every numbered list in the publication? At first, simply find *existing* repetitions and then strengthen them. As you get used to the idea and the look, start to *create* repetitions to enhance the design and the clarity of the information.

Repetition is like accenting your clothes. If a woman is wearing a lovely black evening dress with a chic black hat, she might accent her dress with red heels, red lipstick, and a tiny red corsage.

What to avoid

Avoid repeating the element so much that it becomes annoying or overwhelming. Be conscious of the value of contrast (read the next chapter and the section on contrasting type).

For instance, if the woman were to wear the black evening dress with a red hat, red earrings, red lipstick, a red handbag, red shoes and a red coat, the repetition would not be a stunning and unifying contrast—it would be overwhelming and the focus would be confused.

Contrast

Contrast is one of the most effective ways to add visual interest to your page—a striking interest that makes a reader want to look at the page—and to create an organizational hierarchy among different elements. The important rule to remember is that for contrast to be effective, it must be strong. **Don't be a wimp.**

Contrast is created when two elements are different. If the two elements are sort of different, but not really, then you don't have *contrast*, you have *conflict*. That's the key—the principle of contrast states that **if two items are not exactly the same, then make them different. Really different.**

Contrast can be created in many ways. You can contrast large type with small type; a graceful oldstyle font with a bold sans serif font; a thin line with a thick line; a cool color with a warm color; a smooth texture with a rough texture; a horizontal element (such as a long line of text) with a vertical element (such as a tall, narrow column of text); widely spaced lines with closely packed lines; a small graphic with a large graphic.

But don't be a wimp. You cannot contrast 12-point type with 14-point type. You cannot contrast a half-point rule with a one-point rule. You cannot contrast dark brown with black. Get serious.

If the two "newsletters" below came across your desk, which one would you pick up first? They both have the same basic layout. They are both nice and neat. They both have the same information on the page. There is really only one difference: the newsletter on the right has more contrast.

<h1>ANOTHER NEWSLETTER!</h1>		
J A N U A R Y	F I V E	2 0 0 5
<h3>Exciting Headline</h3>	Want pawn term dare worsened ladle gull hie hat search putty yowler coils debt pimple colder Guilty Looks. Guilty Looks lifts inner ladle cordage saturated adder shirt dissidence firmer bag florries, any ladle gull orphan aster murder toe letter gone entity florist oil buyer shelf.	
<h3>Thrilling Subhead</h3>	"Guilty Looks!" crater murder angularly. "Honkey terms area garner asthma suture stooped quiz chin? Goiter door florist? Sonably NUT!"	
	"Wire nuts, murder?" wined Guilty Looks, hoe dint peony tension tore murder's scaldings.	
	"Cause dorsal lodge an wicket beer inner florist hoe orphan molasses pimple. Ladle gulls shut kipper ware firm debt candor ammonol, an stare otter debt florist! Debt florist's mush toe dentures furry ladle gull."	
<h3>Another Exciting Headline</h3>	Want, pimple oil-wares wander doe wart adulter pimple dum wampum toe doe. Debt's jeet hormone nurture.	
	Want moaning, Guilty Looks diselpate murder, an win entity florist. Fur lung, disk avengereesa gull wetter putty yowler coils cam tote morticed ladle cordage inhibited buyer hul firmly off beers—Fodder Beer (home pimple, fur oblivious rations, coined "Brewing"). Munder Beer, an Ladle Bone Beer. Disk moaning, older beers hat jest lifter cordage, slicking ladle bookings, an hat gun entity florist toe peek black-barriers an rash-barriers. Guilty Looks ranker dough ball; bought, off curse, non-bawdy worse him, soda euly ladle gull win baldly rat entity been's horse!	
	Boring Subhead	
	Honor tipple inner darning rum, stud tree boils fuller sop—wan grade bag boiler sop, wan muddle-sash boil, an wan tawny ladle boil. Guilty Looks sucker epun fuller sop firmer grade bag boil-buddy spurted art inner hoary! "Arch!" crater gull, "Debt sop's toe hart—bars mar mouse!"	
	Dingy traitor sop inner muddle-sash boil, witch worse toe coiled. Butter sop inner tawny ladle boil worse jest rat; an Guilty Looks alated oil lop. Dingy nudist tree cheerio—wan anomalous cheer, wan muddle-sash cheer, an wan tawny	

This is nice and neat, but there is nothing that attracts your eyes to it. If no one's eyes are attracted to a piece, no one will read it.

The source of the contrast below is obvious. I used a stronger, bolder typeface in the headlines and subheads. I repeated that typeface (principle of repetition, remember?) in the newsletter title. Because I changed the title from all caps to caps/lowercase, I was able to use a larger and bolder type size, which also helps reinforce the contrast. And because the headlines are so strong now, I could add a dark band across the top behind the title, again repeating the dark color and reinforcing the contrast.

Another Newsletter!

J A N U A R Y F I R S T 2 0 0 5

Exciting Headline

Want pawn term dars worsened ladie
gull hoe hat; search putty yowler coils
debt pimple colder Guilty Looks. Guilty
Looks lift inner ladle cordage saturated
adder shirt absolution firmer bair
florist; any ladle gull orphan aaster
murder toe letter gone entity florist;
oil buyer shelf.

Thrilling Subhead

"Guilty Looks!" crater murder angularly.
"Honkey terms area garner asthma
suture scooped quiz-chin? Golter doo
florist? Sonality NUT!"

"Wire nut, murder?" wined Guilty Looks,
hoe dint peony tension bore murderer's
ecaldings.

"Cause dorsal lounge an wicket beer
inner florist; hoe orphan molasses
pimple. Ladle gull shut kipper ware
firm debt candor ammonol, an stars;
utter debt florist! Debt florist's mush
toe dentures furry ladle gull."

Another Exciting Headline

Wall, pimple oil-wares warden doe
wart; udder pimple dum wampum toe
doe. Debt's jeast hormone nurture.

Wan moaning, Guilty Looks diselpater
murder, an win entity florist. Fur lung,
dike avengeress gull wetter putty
yowler coils cam tote morticed ladle
cordage inhibited buyer hull firmly off
beers—Fudder Beer. (name pimple,
fur oblivious raisins, coiled "Brewing"),
Murder Beer, an Ladle Bore Beer. Disk
moaning, ollen beers hat jest; lifter
cordage, ticking ladle baskings, an
hat gun entity florist toe peck black
banners an cash-barrels. Guilty Looks
ranker dough ball; bought, off curse,
nor-bawdy worse hum, soda sulky ladle
gull win baldly rat entity beer's horse!

Boring Subhead

Honor tipple inner darning rum, stud
tree bolts fuller sop—wan grade bag
boiler sop, wan muddle-sash bolt, an
wan tawny ladle bolt. Guilty Looks
tucker apul fuller sop firmer grade bag
bol-bushy spurted art; inner hoary!

"Aych!" crater gull, "Debt sop's toe
hart—baena mar mouse!"

Dingy traitor sop inner muddle-sash
bolt, witch worsen toe coiled. Buster sop
inner tawny ladle bolt worse jeest rats, an
Guilty Looks aided oil lop. Dingy mafet
tree cheer—wan anomalous cheer,
wan muddle-sash cheer, an wan tawny

Would you agree that your eyes are drawn to this page, rather than to the previous page?

Contrast is crucial to the organization of information—a reader should always be able to glance at a document and instantly understand what's going on.

Grant J. Egley
Rt. 4, Box 157
Greenville, MS 38750
(888) 555-1212

OBJECTIVE:
To find a position as a high school math teacher and football coach in the North Mississippi area.

WORK EXPERIENCE:
August 1999-present Math teacher and football coach at St. Joseph High School, Greenville, Mississippi. Shared the joy of mathematics with high school students, attempted to teach private school boys how to play football, went to mass on Fridays, and learned to speak with an Irish accent.

May 2001-present Assistant manager for The Beer Barn, Greenville, Mississippi. Tossed alcoholic beverages into vehicles whizzing through the drive-thru, chased down shoplifters at 90 mph, and had quiet, intellectual conversations with friends while waiting for customers.

Jan. 1997-May 1999 Math teacher and football coach at Leland High School, Leland, Mississippi. Taught Algebra I to freshmen, coached the offensive line for the Leland Cubs football team, hung out in the halls, swirled key rings full of keys, and drove an old red school bus on muddy Delta roads with a bunch of screaming ball players.

Summers 1997-2000 Manager of swimming pool for City of Leland Recreation Department, Leland, Mississippi. Served as swimming pool manager. Got one heck of a tan, saved drowning females from drowning pool sharks, looked good, & splashed babies.

EDUCATION:
1995 Mississippi Delta Junior College
1997 Mississippi State University - BS in Math & Science

PROFESSIONAL AFFILIATION:
Grand National Canoe Club, Executive Secretary, 2000-2002
We Bad Weightlifters of America, Member, 1993-present
National Organization of Brothers of Laura Egley, President, 1964-present

Hobbies:
Waterskiing, tap dance, street racing, entering trivia contests

References available on request.

This is a fairly typical résumé. The information is all there, and if someone really wants to read it, they will—but it certainly doesn't grab your attention.

And notice these problems:

There are two alignments on the page: centered and flush left.

The amounts of space between the separate segments are too similar.

The job titles blend in with the body text.

Notice that not only is the page more attractive when contrast is used, but the purpose and organization of the document are much clearer.

Grant J. Egley

Rosie 4, Box 157
Greenville, MS 37501
(888) 555-3212

Objective

To find a position as a high school math teacher and football coach in the North Mississippi area.

Work Experience

August 1990–present	Math teacher and football coach at St. Joseph High School, Greenville, Mississippi. Shared the joy of mathematics with high school students, attempted to teach private-school boys how to play football, went to mass on Fridays, and learned to speak with an Irish accent.
May 2001–present	Assistant manager for The Beer Barn, Greenville, Mississippi. Tossed alcoholic beverages into vehicles whizzing through the drive-through, closed down shop after 90 MPH, and had quiet, intellectual conversations with friends while waiting for customers.
Jan 1997–May 1999	Math teacher and football coach at Leland High School, Leland, Mississippi. Taught Algebra I to freshmen, coached the offensive line for the Leland Cubs football team, hung out in the halls, recited key rings full of keys, and drove an old red school bus on steady Delta back roads with a load of screaming ball players.
Summer 1997–2000	Manager of the municipal swimming pool for the City of Leland Recreation Department, Leland, Mississippi. Got tan, saved swimming females from drowning, pool sharks, looked good, and splashed bullies.

Education

1997	B.S. in Math & Science, Mississippi State University
1995	Mississippi Delta Junior College

Professional Affiliation

Grand National Canoe Club, Executive Secretary, 2000–2002
We Bid Weightlifters of America, Member, 1993–present
National Organization of Brothers of Laura Egley, President, 1964–present

Hobbies

Water skiing, tap dancing, street racing, entering trivia contests.

References available on request.

The problems were easily corrected.

One alignment: Flush left. As you can see above, using only one alignment doesn't mean everything is aligned along the **same** edge—it simply means everything is using the same alignment. Both the flush left lines above are very strong and reinforce each other (alignment and repetition).

Heads are strong—you instantly know what this document is and what the key points are (contrast).

Segments are separated by more space than the individual lines of text within each segment (contrast of spatial relationships; proximity).

Degree and job titles are in bold (*a repetition of the headline font*)—the strong contrast lets you skim the important points.

The easiest way to add interesting contrast is with typefaces (which is the focus of the second half of this book). But don't forget about rules, colors, spacing between elements, textures, etc.

If you use a hairline rule between columns, use a strong 2- or 4-point rule when you need another—don't use a half-point rule and a one-point rule on the same page. If you use a second color for accent, make sure the colors contrast—dark brown or dark blue doesn't contrast effectively with black text.

The Rules of Life

Your attitude is your life.

Maximize your options.

Never take anything too seriously.

Don't let the seeds stop you
from enjoyin' the watermelon.

Be nice.

There is a bit of contrast between the typefaces and between the rules, but the contrast is wimpy.

*Are the rules supposed to be two different thicknesses?
Or is it a mistake?*

The Rules of Life

Your attitude is your life.

Maximize your options.

Never take anything too seriously.

Don't let the seeds stop you
from enjoyin' the watermelon.

Be nice.

Now the strong contrast between the typefaces makes the piece much more dynamic and eye-catching.

With a stronger contrast between the thicknesses of the rules, there is no risk of someone thinking it's a mistake.

The entire table is stronger and more sophisticated; you know where it begins and where it ends.

If you use tall, narrow columns in your newsletter, have a few strong headlines to create a contrasting horizontal direction across the page.

Combine contrast with repetition, as in the page numbers or headlines or bullets or rules or spatial arrangements, to make a strong, unifying identity throughout an entire publication.

macintosh

New! Santa Fe Mac User Group

What Is It?!

Most towns and cities have a Macintosh User Group (MUG) that provides information and support for anyone using a Macintosh in any field. Meetings are monthly. Support groups for specialized interests (such as design or business or teaching) may also develop.

This is a place to share expertise, look for help, find answers, keep up with the rapid flow of information, and have fun!

Am I Invited?

Yes! Anyone who has anything to do with Macintosh computers is invited. Even if you've never used a Mac, you're invited. Even if you haven't even decided that a Mac is the right computer for you, you're invited.

Can I bring a friend?

Of course you can! Bring your friends, your mom and dad, your neighbors, your teenagers! You can bring cookies, too!

What'll we do there?

Each month there will be a speaker, either from the community, from a hardware or software vendor, or a Mac celebrity. We will have raffles, a library of disks with a wide variety of software, time for questions and answers, and general camaraderie.

And if you bring cookies, we'll eat cookies!

Can I get more involved?

We were hoping you'd ask. Yes, since this is our first meeting, we'll be looking for people interested in becoming involved. Many people are needed to sustain a viable and useful user group. We'll have a list of volunteer positions available, but you'd better volunteer quick because this is so much fun! We truly hope to create a strong and supportive community of Mac users.

When Is It?

Our first meeting will be held on March 17 from 7 to 8:45 P.M.

Where Is It?

This meeting will be held at the downtown Library, upstairs in the Community Rooms.

Does it cost money?

Nope. Not yet, anyway. Every user group has an annual membership fee to support itself. Meetings may eventually cost \$3 for non-members. So come while it's free!

Besides the contrast in the typefaces in this postcard, there is also a contrast between the long, horizontal title and the tall, narrow, vertical columns. The narrow columns are a repetitive element, as well as an example of contrast.

The example below is a typical phone book advertisement. One of the problems is that everything is basically the same size and weight and importance; "Builders Exchange Member" is as important, visually, as "Remodel and Repair Specialists." But should it be?

Determine what you want the focus to be. Use contrast to create that focus. Enhance it with strong alignments and use of proximity.

THE
CONSTRUCTION
NETWORK

REMODEL & REPAIR SPECIALISTS
RESIDENTIAL & COMMERCIAL

★ ADDITIONS ★ ALTERATIONS ★
★ BATHS ★ KITCHENS ★ DECKS ★
★ SMALL JOBS ★ PROBLEM SOLVING ★
★ ARCH. / ENG. / OWNER CONSULTATION ★
★ DESIGN BUILD ★ CUSTOM WORK ★
★ MEDICAL OFFICE CONSTRUCTION ★

FULL SERVICE CONSTRUCTION
BUILDERS EXCHANGE MEMBER

717-567-8910
FREE ESTIMATES
LIC. 123456

Where do you begin to improve this ad?

Decide on a **focus** and make that focus big and bold.

Set it in caps/lowercase, not all caps.

Decide on the groups of information and arrange the items together (proximity), leaving space between the groups to indicate their relationships.

Arrange all these elements along a strong alignment.

Remove conflicting elements:

The border is not a focal point—why make it so overpowering?

The stars call too much attention to themselves—focus the attention on the purpose of the ad.

It's okay to have empty corners—one eagle gets the point across!

Don't be afraid to make some items small to create a contrast with the larger items, and to allow blank space! Once you pull readers in with the focal point, they will read the smaller print if they are interested. If they're not interested, it wouldn't matter *how* big you set it.

Notice all the other principles come into play: proximity, alignment, and repetition. They work together to create the total effect. Rarely will you use just one principle to design any page.

Construction Network

**Remodel & Repair Specialists
Residential & Commercial**



Full Service Construction

Custom work	Design and build
Additions	Alterations
Baths	Decks
Kitchens	Small jobs
Problem solving	Medical office construction
Architect / Engineer / Owner consultation	

Free estimates

717-567-8910

Builders' Exchange Member • LICENSE 123456

One might argue that this ad does not reflect the personality of the business owner as well as the previous ad does. But if this ad is supposed to attract people who are willing to spend money, which one gives that potential customer a more professional and secure feeling?

Notice how and where repetition is used, as well as contrast. Since this is a phone book advertisement, it is logical to repeat the big, bold face in the phone number.

Contrast is the most fun of the design principles—and the most dramatic! A few simple changes can make the difference between an ordinary design and a powerful one.

HOW 'BOUT IT, PARDNER?

How'd you like to . . .

wake up with the sun, pour yourself a cup of coffee, and gaze out upon the open range from the steps of your bungalow?

Can you imagine . . .

spending the day outside, beneath a cloudless sky, putting in a hard day's work—working close to the land?

What if you could . . .

work on horseback, with your horse as your closest companion and trusty co-worker?

Ever wanted to . . .

taste the best vittles you've ever had at the end of a full day of riding, roping, and fencing?

Would you like to . . .

live the kind of life most people have only seen in the movies?

It's all possible!

Live the life you've dreamed about—be a cowboy!



For more info on how to saddle up and start your new career as a cowboy, contact us right away:

1-800-cow-boys

Iwannabe@acowboy.com

Remember the cowboy ad from Chapter 2? Here it is again—still a little flat. Now look at the same ad (opposite page) after we've added some contrast. Can you name at least four ways contrast was added?

Which of these two ads would you be most likely to take a second look at? This is the power of contrast: it gives you "more bang for your buck." Just a few simple changes, and the difference is amazing!

How'bout it, Pardner?

How'd you like to . . .

wake up with the sun, pour yourself a cup of coffee, and gaze out upon the open range from the steps of your bungalow?

Can you imagine . . .

spending the day outside beneath a cloudless sky, putting in a hard day's work—working close to the land?

What if you could . . .

work on horseback, with your horse as your closest companion and trusty co-worker?

Ever wanted to . . .

taste the best vittles you've ever had at the end of a full day of riding, roping, and fencing?

Would you like to . . .

live the kind of life most people have only seen in the movies?

It's all possible!

Live the life you've dreamed about—

Be a cowboy!

For more info on how to saddle up and start your new career as a cowboy, contact us right away:

1-800-cow-boys

Iwannabe@acowboy.com



Changing the headline from uppercase to lowercase gave me room to make it bigger and bolder. For repetition, I used the same font for "Be a Cowboy" near the bottom of the ad. I made the lead-ins to each sentence larger and bolder so they show up a little more. And why not make the cowboy Texas-size—don't be a wimp! Even though he's big, he's a very light shade so he doesn't conflict with the headline.

Contrast, of course, is rarely the only concept that needs to be emphasized, but you'll often find that if you add contrast, the other concepts seem to fall into place. Your elements of contrast, for instance, can sometimes be used as elements of repetition.

woof

a dog bakery
yellow + outfitter

woof, the only dog bakery in town, says
Take A Hike!!

Butt before hitting those gorgeous Northwest trails with your four-legged friend,
Hike on over to *woof* for food and gear

Dog Day Packs...perfect for afternoon romps
Dog Back Packs...great for weekend hikes
Portable collapsible food and water bowls
Hiking Towels
Foul Weather Gear
First Aid Kits
Freeze Dried Treats

Friday, July 11 and Saturday, July 12
Receive a FREE *woof* biscuit mini snack pack
with any hiking gear purchase

woof where biscuits, beds, and books beckon
123 OLD DOGGIE TRAIL MADRAS OR 99909
505 555 1212 F 505 555 1212

This ad ran in the local newspaper. Besides the centered alignment, lack of proximity and repetition, and dull typeface, this ad seriously lacks contrast. There is nothing in the design that makes a person want to actually read it. The puppy's face is cute, but that's about it. Well, there is a little bit of contrast and repetition going on (can you point them out?), but it's wimpy. This designer is trying, but she's much too timid.

I'm sure you've seen (or created) lots of pieces like this. It's okay. Now you know better.

Although the ad below looks like a radical leap from the one on the opposite page, it is actually just a methodical application of the four basic principles.

Okay, these are the steps to go through to take the ad on the left and start making into something like the ad above.

Let go of Times Roman and Arial/Helvetica. Just eliminate them from your **font choices**. Trust me. (Please let go of Sand as well.)

Let go of a centered **alignment**. I know it's hard to do, but you must. After your eye has become more sophisticated, you can experiment with it again.

Find the most interesting thing on the page, or the most important, and **emphasize it!** In this case, the most interesting is the dog's face and the most important is the name of the store. What's the point of having an ad for your store if no one can tell what your store is called? Keep the most important things together so a reader doesn't lose the **focus**.

Group the information into logical groups. Use **space** to set items apart or to connect them.

Find elements you can **repeat** (including any elements of contrast).

And most important, add **contrast**. Above you see a contrast in the black versus white, the gray type, typeface sizes, and typeface choices.

Work through each concept one at a time. I guarantee you'll be amazed at what you can create.

The example below is repeated from Chapter 2, where we discussed proximity. It's nice and clean, but notice on the next page what how much of a difference a little contrast can make.

All About Us
Our Mission
Our History
Our Philosophy

Current Topics
All About
Suspenders
Pencils to Go
What is Irony?

Contact Us

Find yourself longing for the good old days of yore—before technology made us all move and speak and think in double-time? Days that moved at a slower pace, allowing each of us to more fully experience our lives . . . when we had to earn the chance to sit back and read by the golden glow of candlelight or lantern . . . when a neighbor's house was a walk away—but we knew our neighbors and looked out for each other?

If so, you may be one of us. Read on . . .

Thank God men cannot as yet fly
and lay waste the sky as well as the earth!
—HENRY DAVID THOREAU

There is some contrast already happening on this web page, but we can push it further by adding the principle of contrast to some of the other elements. How can we add a contrast in color? In size?

I hope you're starting to see how important contrast is to a designed piece, and how easy it actually is to add contrast. You just have to be conscious. Once you have contrast, elements of it can be used for repetition.

Luddites R Us

All About Us

- Our Mission
- Our History
- Our Philosophy

Current Topics

- All About
- Suspenders
- Pencils to Go
- What is Irony?

Contact Us

Find yourself longing for the good old days of yore—before technology made us all move and speak and think in double-time? Days that moved at a slower pace, allowing each of us to more fully experience our lives . . . when we had to earn the chance to sit back and read by the golden glow of candlelight or lantern . . . when a neighbor's house was a walk away—but we knew our neighbors and looked out for each other?

If so, you may be one of us. Read on . . .

Thank God men cannot as yet fly
and lay waste the sky as well as the earth!
—HENRY DAVID THOREAU

(Silhouette of a man in a top hat and suspenders, holding a briefcase.)

All I did was add a bit of a black (or dark-colored) background and made the nerd-man bigger. The page is much more dynamic and interesting to view.

Summary of contrast

contrast on a page draws our eyes to it; our eyes *like* contrast. If you are putting two elements on the page that are not the same (such as two typefaces or two line widths), they cannot be *similar*—for contrast to be effective, the two elements must be very different.

Contrast is kind of like matching wall paint when you need to spot paint—you can't *sort of* match the color; either you match it exactly or you repaint the entire wall. As my grandfather, an avid horseshoe player, always said, “*'Almost'* only counts in horseshoes and hand grenades.”

The basic purpose

The basic purpose of contrast is two-fold, and both purposes are inextricable from each other. One purpose is to **create an interest on the page**—if a page is interesting to look at, it is more likely to be read. The other is to aid in the **organization** of the information. A reader should be able to instantly understand the way the information is organized, the logical flow from one item to another. The contrasting elements should never serve to confuse the reader or to create a focus that is not supposed to be a focus.

How to get it

Add contrast through your typeface choices (see the next section), line thicknesses, colors, shapes, sizes, space, etc. It is easy to find ways to add contrast, and it's probably the most fun and satisfying way to add visual interest. The important thing is to be strong.

What to avoid

Don't be a wimp. If you're going to contrast, do it with strength. Avoid contrasting a sort-of-heavy line with a sort-of-heavier line. Avoid contrasting brown text with black headlines. Avoid using two or more typefaces that are similar. If the items are not exactly the same, **make them different!**

Review

There is one more general guiding principle of Design (and of Life):
Don't be a wimp.

Don't be afraid to create your Design (or your Life) with plenty of blank space—it's rest for the eyes (and the Soul).

Don't be afraid to be asymmetrical, to uncenter your format—it often makes the effect stronger. It's okay to do the unexpected.

Don't be afraid to make words very large or very small; don't be afraid to speak loudly or to speak in a whisper. Both can be effective in the right situation.

Don't be afraid to make your graphics very bold or very minimal, as long as the result complements or reinforces your design or your attitude.

Let's take the rather dull report cover you see below and apply each principle to it in turn.

What Goes Around Comes Around

Lessons from hitchhiking

across the country

Robin Williams

January 1, 2005

A rather dull but typical report cover: centered, evenly spaced to fill the page. If you didn't read English, you might think there are six separate topics on this page. Each line seems an element unto itself.

Proximity

If items are related to each other, group them into closer proximity. Separate items that are *not* directly related to each other. Vary the space between to indicate the closeness or the importance of the relationship.

What Goes Around Comes Around

Lessons from hitchhiking
across the country

By putting the title and subtitle close to each other, we now have one well-defined unit rather than six apparently unrelated units. It is now clear that those two topics are closely related to each other.

Robin Williams
January 1, 2005

When we move the by-line and date farther away, it becomes instantly clear that although this is related information and possibly important, it is not part of the title.

Alignment

Be conscious about every element you place on the page. To keep the entire page unified, align every object with an edge of some other object. If your alignments are strong, *then* you can choose to break an alignment occasionally and it won't look like a mistake.

What Goes Around Comes Around

Lessons from hitchhiking
across the country

Robin Williams
January 1, 2005

Even though the author's name is far from the title, there is a visual connection between the two elements because of their alignment.

The example on the previous page is also aligned—a centered alignment. As you can see, though, a flush left or right alignment (as shown in the example on this page) gives a stronger edge, a stronger line for your eye to follow. A flush left or flush right alignment also tends to impart a more sophisticated look than does a centered alignment.

Repetition

Repetition is a stronger form of being consistent. Look at the elements you already repeat (bullets, typefaces, lines, colors, etc.); see if it might be appropriate to make one of these elements stronger and use it as a repetitive element. Repetition also helps strengthen the reader's sense of recognition of the entity represented by the design.

What Goes Around Comes Around ▶

Lessons from hitchhiking
across the country

▲
Robin Williams

The distinctive typeface in the title is repeated in the author's name, which strengthens their connection even though they are physically far apart on the page.

The small triangles were added specifically to create a repetition. Although they each point in a different direction, the triangular shape is distinct enough to be recognized each time.

The "color" of the triangles is also a repeated element. Repetition helps tie separate parts of a design together.

Contrast

Would you agree that the example on this page attracts your eye more than the example on the previous page? It's the contrast here, the strong black versus white, that does it. You can add contrast in many ways—rules (lines), typefaces, colors, spatial relationships, directions, etc. The second half of this book discusses the specific topic of contrasting type.

What Goes Around Comes Around

*Lessons
from
hitch-
hiking
across
the
country*

Robin Williams

Adding contrast to this was simply a matter of adding the black box.

I added a bit of contrast in the type by making the subtitle italic vs. the roman of the title and by-line. (The title is Bodoni Poster Compressed; the subtitle is Bodoni Italic.)

Can you describe where the principles of proximity, alignment, and repetition are also being used in this example?

Little Quiz #1: Design principles

Find at least seven differences between the two sample résumés below. Circle each difference and name the design principle it offends. State in words what the changes are.

Résumé: Dorothy Gail
Rural Farm Road #73
The Plains, Kansas

Education

- Plains Grammar School
- Plains High School, graduated with highest honors
- School of Hard Knocks

Work Experience

- 1956 Down on the Farm
1954 Up on the Farm
1955 Around the Farm

References

- Glinda the Good Witch
- The Great and Powerful Oz

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

7 _____

Résumé

- Dorothy Gail
Rural Farm Road #73
The Plains, Kansas

Education

- ▲ Plains Grammar School
- ▲ Plains High School, graduated with highest honors
- ▲ School of Hard Knocks

Work Experience

- ▲ 1956 Down on the Farm
- ▲ 1954 Up on the Farm
- ▲ 1955 Around the Farm

References

- ▲ Glinda the Good Witch
- ▲ The Great and Powerful Oz

Little Quiz #2: Redesign this ad

What are the problems with this phone book ad? Make a list of the problems and solutions.

Clues: How many different typefaces are in this ad? How many different alignments? What could you use as a strong line against which to align everything else? WHY IS SO MUCH OF THE TEXT IN ALL CAPS? Are the logical elements grouped together into close proximity? What could you use as repetitive elements? Do you need the heavy border and the inner box? Is there a focal point? Why not, and how could you create one?

Take a piece of tracing paper and trace the outline of the ad. Then move that paper around and trace the individual elements, rearranging them into a more professional, clean, direct advertisement. Work your way through each principle: proximity, alignment, repetition, and contrast.

Ancient City

Tile & Interiors

**"CONTRACTORS' PRICES
TO THE PUBLIC"**

TILE • LINOLEUM INSTALLATION AVAILABLE

- TALAVERA
- SALTILLO
- MONTERREY
- DALLAS CERAMICS
- AZTEC
- MIDSTATE
- QUALITY MARBLE

- LARGE SELECTION
OF TILES ON
DISPLAY

HOURS:
8:30 - 5 MON. - FRI.
9:00 - NOON SAT.

1776 CUPERTINO RD.
(ACROSS FROM HIGH SCHOOL NEXT TO EASY PRINT)

982-7219

**SANTA ANA'S
INTERIOR
HEADQUARTERS**

PARKING IN REAR



Summary

This concludes the design portion of our presentation. You probably want more examples. Examples are all around you—what I most hope to have painlessly instilled in you is an **increased visual awareness**. I thought about providing “cookie cutter” designs, but, as it is said so truly, it is better to give you a fishing pole than a fish.

Keep in mind that professional designers are always “stealing” other ideas; they are constantly looking around for inspiration. If you’re doing a flyer, find a flyer you really like and adapt the layout. Simply by using your own text and graphics, the original flyer turns into your own unique flyer. Find a business card you like and adapt it to your own. Find a newsletter masthead you like and adapt it to your own. *It changes in the adaptation and becomes yours.* We all do it.

If you haven’t already, I strongly recommend you read *The Mac is not a typewriter* or *The PC is not a typewriter*. If you are still typing two spaces after periods, if you are underlining text, if you are not using true apostrophes and quotation marks (“ and ”, not “), then you *seriously* need to read one of those books.

And when you’re finished with this book and have absorbed all of the concepts, check out *Robin Williams Design Workshop*. It’s a full-color book of more advanced design concepts.

For now, have fun. Lighten up. Don’t take all this design stuff too seriously. I guarantee that if you simply follow those four principles, you will be creating dynamic, interesting, organized pages you will be proud of.

Extra tips & tricks



In this chapter we'll look at creating a variety of advertising and promotional pieces for a fictional company called Url's Internet Cafe.* I add lots of other tips and tricks and techniques in this section, but you'll see where the four basic principles apply to every project, no matter how big or small.

This section includes specific tips for designing your business cards, letterhead, envelopes, flyers, newsletters, brochures, direct-mail postcards, newspaper ads, and web sites.

*There really is an UrlsInternetCafe.com, but the products you see in this chapter are not for sale. Well, they *were* for sale, but the online fulfillment company we used went out of business and our great products disappeared.

Creating a package

One of the most important features of an identity package follows the principle of repetition: there must be some identifying image or style that carries throughout every piece. Take a look at the individual pieces below, all for the Cafe. Name the repetitive elements.

The collage consists of four separate panels:

- Top Left Panel:** A logo featuring a stylized mouse head with the text "Url's Internet Cafe" above it and "Get on the Internet and do Stuff." below it. Below the logo is a small bio for "Url Ratz" and "Browner Dong".
- Top Right Panel:** A cartoon illustration of a mouse with large, wide eyes, looking slightly to the side. The text "Booth #317 is the rattiest booth in this whole show." is written above the mouse, with a smaller box below saying "And we're proud of it!"
- Bottom Left Panel:** A letterhead with the same mouse logo and bio. It includes a return address ("Egley & Taylor Coffee Roasters, 1234 Java Court, Santa Fe, New Mexico 87505") and a message to "Dear Laura and Tim," confirming a purchase order for Monday.
- Bottom Right Panel:** Another letterhead with the same mouse logo and bio. It includes a return address and a message encouraging people to visit the booth at "#317" to see the "sleazy rat" and learn about security updates.

The central panel contains the following text:

**Great gift ideas for
Internet-obsessed friends**

Ratz! That's what you usually say when you realize the holidays are here and you haven't done diddly-squat for shopping. But now when you say "Ratz!" you're reminded of Url Ratz and his Internet Cafe full of unique gifts developed just for Internet mavens like you and your screen-radiated friends and relatives. Happy Holidays. Now get on the Internet at www.Url'sInternetCafe.com and do stuff.

Url's Internet Cafe
Get on the Internet and do Stuff.
Url Ratz General Manager
url@UrlsInternetCafe.com
www.Url'sInternetCafe.com
505.424.3335 v
505.438.8762 f
P.O. Box 23465
Santa Fe
New Mexico
87502

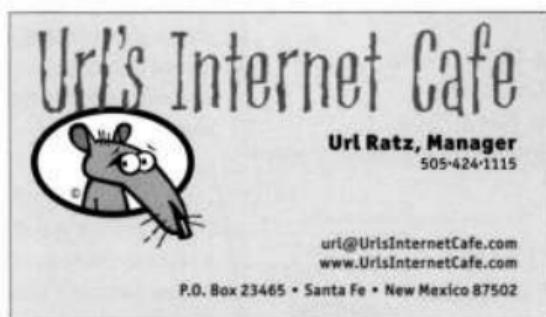
Business cards

If you use a second color, use it sparingly. Most of the time a tiny bit is more effective than throwing the second color all over the card. You get your money's worth with just a splash.

Talk to the print shop about how many copies of the card to set up on one page, and how far apart. Ask if you can send them an Adobe Acrobat PDF file to print from (if you don't know how to make a PDF, you'll find details on Adobe's web site, www.adobe.com). Or buy those perforated, preprinted business cards that you can run through your own office printer (although the perforated edges can give an unprofessional appearance to your business).

Business card size

Standard business card size in the U.S. is **3.5 inches wide by 2 inches tall** (8.5cm x 5.5cm in many other countries). A vertical format, of course, would be 2 inches wide by 3.5 inches tall.



Don't do this!

Url Ratz

General Manager

Url's Internet Cafe
Get on the Internet and do Stuff.



e-mail:
url@UrlsInternetCafe.com
www.Url'sInternetCafe.com

(505) 424-1115 ph.
 P.O. Box 23465
 Santa Fe, NM 87502

Don't stick things in the corners. The corners don't mind being empty. Don't use Times, Arial, or Helvetica or your card will always look dated. Like from the '70s.

Url's Internet Cafe
Get on the Internet and do Stuff.

Url Ratz, General Manager
www.Url'sInternetCafe.com
 (505) 424-1115 phone
 P.O. Box 23465
 Santa Fe, NM 87502

Don't use 12-point type or your card will always look unsophisticated! People can easily read 8-, 9-, or 10-point type. Business cards often use 7-point type. And please don't center your layout unless you can put into words the reason why you need to do so.

Url's Internet Cafe
Get on the Internet and do Stuff.

email: url@UrlsInternetCafe.com
 web site: www.Url'sInternetCafe.com
 (505) 424-1115 phone (505) 438-9762 fax
 P.O. Box 23465
 Santa Fe, NM 87502



Url Ratz,
 General Manager

Don't feel like you have to fill the entire space on the card. It's okay to have empty space. Look at those professional cards—they always have empty space!

It's unnecessary to have the words "email" and "web site" on your card—it's clear what those particular items are.

Try this . . .



Get on the
Internet
and do Stuff.

Url Ratz
General Manager

url@UrlsInternetCafe.com
www.Url'sInternetCafe.com

505-424-1115 voice
505-438-9762 fax
P.O. Box 23465
Santa Fe, New Mexico 87502

Line things up! Everything on your card should be aligned with something else.

Align baselines.

Align right edges or left edges.

Most of the time a strong flush left or flush right alignment has a much more professional impact than a centered alignment.



Url Ratz
General Manager

Url's Internet Cafe

Get on the Internet and do Stuff.

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505-424-1115 v
505-438-9762 f
P.O. Box 23465
Santa Fe, New Mexico
87502

Try using periods, small bullets, or blank spaces instead of parentheses around area codes. It gives your card a cleaner look.

Spell out St., Blvd., Ln., etc. The periods and commas in abbreviations add unnecessary clutter.

If you don't have a fax number, don't type "Phone" before or after your phone number. We know it's your phone number.

Url's Internet Cafe



Url Ratz, Manager

505-424-1115

P.O. Box 23465
Santa Fe
New Mexico 87502
505-438-9762 fax
url@UrlsInternetCafe.com
www.Url'sInternetCafe.com

Tips on designing business cards

Business cards can be a challenge to design because you usually need to pack a lot of information into a small space. And the amount of information you put on a business card has been growing—in addition to the standard address and phone, now you probably need your cell number, fax number, email address, and if you have a web site (which you should), your web address.

Format

Your first choice is whether to work with a **horizontal** format or a **vertical** one. Just because most cards are horizontal doesn't mean they *have* to be. Very often the information fits better in a vertical layout, especially when we have so many pieces of information to include on such a little card. Experiment with both vertical and horizontal layouts, *and choose the one that works best for the information you have on your card.*

Type size

One of the biggest problems with business cards designed by new designers is the type size. It's usually **too big**. Even the 10- or 11-point type we read in books looks horsey on a small card. And 12-point type looks downright dorky. I know it's difficult at first to use 9- or even 8- or 7-point type, but look at the business cards you've collected. Pick out three that look the most professional and sophisticated. They don't use 12-point type.

Keep in mind that a business card is not a book, a brochure, or even an ad—a business card contains information that a client only needs to look at for a couple of seconds. Sometimes the overall, sophisticated effect of the card's design is actually more important than making the type big enough for your great-grandmother to read easily.

Create a consistent image with letterhead and envelope

If you plan to create a letterhead and matching envelopes, you really need to design all three pieces at once. The entire package of business cards, letterhead, and envelopes should present a **consistent image** to clients and customers.

Letterhead and envelopes

Few people look at a company's stationery and think, "This is so beautiful, I'll triple my order," or "This is so ugly, I'll cancel my order" (my friend Laura chose her phone company based on their stationery). But when people see your stationery, they think *something* about you and it's going to be positive or negative, depending on the design and feel of that stationery.

From the quality of the paper you choose, to the design, color, typeface, and the envelope, the implied message should inspire confidence in your business.

The content of your letter will carry substantial weight, but don't overlook the unconscious influence exerted by the letterhead itself.

Be brave! Be bold!

Urli's Internet Cafe

Get on the Internet and do Stuff.



Urli Ratz
General Manager
Browner Doug
Director of
Human Resources

urli@urliinternetcafe.com
www.urliinternetcafe.com

505.424.1235 • 505.458.9762 F
P.O. Box 23485 • Santa Fe • New Mexico • 87502

Don't do this!



P.O. Box 23465, Santa Fe, NM, 87502
 (505) 424-1115 telephone (505) 438-9762 fax

October 9

Egley and Taylor Coffee Roasters
 1234 Java Court
 Santa Fe, New Mexico 87505

Dear Laura and Tim,

This letter is to confirm our conversation regarding adding a new line of teas and coffees to Url's Internet Cafe. The high-caffeine blend, deadline.caf, is selling great, as are the other coffees. We would like to add the mango-pekoe blend tea and the organic green tea. We'll send over the contract and purchase orders on Monday.

It's always a pleasure doing business with you!

Thank you very much,

Url Ratz
 Self-Proclaimed Internet Icons

Don't use a different arrangement on the envelope from what you use on the letterhead and the business card! All three items should look like they belong together.

Url Ratz

General Manager

Url's Internet Cafe Get on the Internet and do Stuff.



e-mail:
url@UrIsInternetCafe.com
www.UrIsInternetCafe.com
 (505) 424-1115 ph.
 P.O. Box 23465
 Santa Fe, NM 87502

Url's Internet Cafe



P.O. Box 23465

Santa Fe, NM 87502

Don't center everything on the page, unless your logo is an obviously centered logo and you must work with it. If you do center, try to be a little more creative with the type, the size, or the placement of the items (that is, even though the items are centered with each other, perhaps they don't have to be directly centered on the page; try placing the entire centered arrangement closer to the left side).

Don't use Times, Arial, or Helvetica.

Just as on your business card, avoid parentheses, abbreviations, and superfluous words that just add clutter.

Try this . . .



Get on the Internet and do Stuff.

Ur Ratz
General Manager
Browser Dawg
Director of Human Resources

October 9

Egley & Taylor Coffee Roasters
1234 Java Court
Santa Fe, New Mexico 87505

Dear Laura and Tim,

This letter is to confirm our conversation regarding adding a new line of teas and coffees to Ur's Internet Cafe. The high-caffeine blend, *deadline cat*, is selling great, as are the other coffees. We would like to add the mango-peach blend tea and the organic green tea. We'll send over the contract and purchase orders on Monday.

It's always a pleasure doing business with you!

Thank you very much,

Ur Ratz and Browser Dawg,
Self-Proclaimed Internet Lovers

ur@UrInternetCafe.com
www.UrInternetCafe.com
505.426.1115 v
505.436.9762 f
P.O. Box 23485
Santa Fe
New Mexico
87502

Notice how these three pieces have essentially the same layout. Work on all three pieces at the same time to make sure your chosen layout will work in each situation.



Get on the Internet and do Stuff.

Ur Ratz P.O. Box 23485
Browser Dawg Santa Fe
New Mexico
87502



Get on the Internet and do Stuff.

Ur Ratz ur@UrInternetCafe.com
General Manager www.UrInternetCafe.com
505.426.1115 v
505.436.9762 f
P.O. Box 23485
Santa Fe
New Mexico
87502

Feel free to use type and graphics in a huge way or a small way.
Uncenter the format. Those strong lines of flush left and flush right add strength to your design.

Tips on designing letterhead and envelopes

Your letterhead and envelope should be designed along with your business card. They should all look like they belong together—if you give someone a business card and then later send a letter, you want those pieces to reinforce each other.

Envelope size

The standard business envelope is **9½ x 4½ inches**. It's called a #10 envelope. The European size is 110mm x 220mm, and it's called a C4 envelope.

Create a focal point

One element should be **dominant**, and it should be dominant in the same way on both the letterhead and the envelope (and the business card). Please avoid the boring centered-across-the-top layout on the letterhead!

Alignment

Choose one **alignment** for your stationery! Don't center something across the top and then put the rest of the text flush left. Be brave—try flush right down the side with lots of linespacing. Try setting your company name in huge letters across the top. Try placing your logo (or a piece of it) huge and light as a shadow beneath the area where you will type.

On the letterhead, make sure to arrange the elements so when you type the actual letter, the text fits neatly into the design of the stationery.

Second page

If you can afford to make a second page to your stationary, take a **small element** that appears on your first page and use it all by itself on a second page. If you are planning to print, let's say, 1,000 sheets of letterhead, you can usually ask the printer to print something like 800 of the first page and 200 of the second page. Even if you don't plan to print a second page, ask the printer for several hundred blank sheets of the same paper so you have *something* to write longer letters on.

Faxing and copying

If you ever plan to send your letterhead through **fax** or **copy machines**, don't choose a dark paper or one that has lots of speckles in it. Also avoid large areas of dark ink, reverse type, or tiny type that will get lost in the process. If you do a *lot* of faxing, you might want to create two versions of your letterhead—one for print and one for fax.

Flyers

Flyers are great fun to create because you can safely abandon restraint! This is a great place to go wild and really call attention to yourself. As you know, flyers compete with all the other readable junk in the world, especially with other flyers. Often they are posted on a bulletin board with dozens of competing pages that are all trying to grab the attention of passerbys.

A flyer is one of the best places to use fun and different typefaces, and a fun face is one of the best ways to call **attention** to a headline. Don't be a wimp—this is your chance to use one of those really off-the-wall faces you've been lustng after!

And what a great place to experiment with graphics. Just *try* making the graphic image or photograph at least twice the size you originally planned. Or make the headline 400 point instead of 24. Or create a minimalist flyer with one line of 10-point type in the middle of the page and a small block of text at the bottom. Anything out of the ordinary will make people stop and look, and that is 90 percent of your goal.



Ur!s own java,
deadline.caf,
now available



High-caffeine brew to keep you working all through the night.

Don't do this!

Booth #317 is the rattiest booth in this whole show.
And we're proud of it.

Stop by booth #317 to see what the deal is with the sleazy rat and why the show organizers haven't called in security or at least the exterminators.

*Or go to
www.Url'sInternetCafe.com
 if you don't have time to visit
 the booth.*



Don't use hyphens to call out bullet points.

Instead, try using characters from Wingdings or Zapf Dingbats.

Don't center everything on the page and then put small pieces of text in the corners!

Avoid a gray, boring page—add contrast!

Watch the line breaks—there's no need to break lines at awkward places or to hyphenate unnecessarily.

Don't put everything in boxes! Let the strong alignment create the "box" around the text.

As in everything else, don't set the same amount of space between all elements. If items are part of a unit, group them closer together.

Don't use Times, Arial, or Helvetica.

ATTENTION CONFERENCE ATTENDEES:

- Never before has this conference allowed booth space for such a disgusting character as Url Ratz.

- Stop by booth #317 to see what possible redeeming traits he could possibly have that would allow someone like him into this exhibit hall.

- While you're there, get some free stuff before they call in the exterminators.

- Or stop by his web site:
www.Url'sInternetCafe.com

URL'S INTERNET CAFE

www.Url'sInternetCafe.com



Try this . . .

Booth #317 is the rattiest booth in this whole show.

And we're proud of it!



Stop by booth #317 to see what the deal is with the sleazy rat and why the show organizers haven't called in security or at least exterminators.

Or go to www.UrlIsInternetCafe.com if you don't have time to visit.

Or set the text in several columns, each one flush left.

It's okay to set the body text small on a flyer. If you capture the reader's attention in the first place, she will read the small type.

Use a huge headline or huge clip art.

Use an interesting typeface in a huge way.

Crop a photograph or clip art into a tall narrow shape; place it along the left edge; align the text flush left.

Or place the art along the right edge and align the text flush right.

Attention Conference Attendees:

Never before has this conference allowed booth space for such a disgusting character as Url Ratz. Stop by booth #317 to see what possible redeeming traits he could possibly have that would allow someone like him into this exhibit hall. While you're there, get some free stuff before they call in the exterminators. Or stop by his web site: www.UrlIsInternetCafe.com



**There's a Rat
in Booth #317**

Tips on designing flyers

The biggest problems with most flyers created by new designers are a lack of contrast and a presentation of information that has no hierarchy. That is, the initial tendency is to make everything large, thinking that it needs to grab someone's attention. But if *everything* is large, then *nothing* can really grab a reader's attention. Use a strong focal point and contrast to organize the information and lead the reader's eye through the page.

Create a focal point

Put one thing on your page that is huge and interesting and **strong**. If you catch their eye with your focal point, they are more likely to read the rest of the text.

Use subheads that contrast

After the focal point, use strong subheads (strong visually, and strong in what it says) so readers can quickly **scan** the flyer to determine the point of the message. If the subheads don't interest them, they're not going to read the copy. But if there are no subheads at all and readers have to read every word on the flyer to understand what it's about, they're going to toss it rather than spend the time deciphering the text.

Repetition

Whether your headline uses an ugly typeface, a beautiful face, or an ordinary face in an unusual way, try to pull a little of that same font into the body of the text for **repetition**. Perhaps use just one letter or one word in that same typeface. Use it as your subheads, initial caps, or perhaps as bullets. A strong contrast of typefaces will add interest to your flyer.

Alignment

And remember, choose one alignment! Don't center the headline and then set the body copy flush left, or don't center everything on the page and then stick things in the corners at the bottom. Be strong. Be brave. Try all flush left or flush right.

Newsletters

One of the most important features of a multiple-page publication is consistency, or **repetition**. Every page should look like it belongs to the whole piece. You can do this with color, graphic style, fonts, spatial arrangements, bulleted lists that repeat a formatting style, borders around photographs, captions, etc.

Now, this doesn't mean that everything has to look exactly the same! But (just as in life) if you have a solid foundation you can get away with breaking out of that foundation with glee (and people won't worry about you). Experiment with graphics at a tilt or photographs cropped very wide and narrow and spread across three columns. With that solid foundation, you can set the letter from the president in a special format and it will really stand out.

It's okay to have white space (empty space) in your newsletter. But don't let the white space become "trapped" between other elements. The white space needs to be as organized as the visible elements. Let it be there, and let it flow.



One of the first and most fun things to design in a newsletter is the flag (sometimes called the masthead). This is the piece that sets the tone for the rest of the newsletter.

Don't do this!

RAT TALES



News from Uri's Internet Cafe

Volume 1, Number 1

What's Up at Uri's Internet Cafe?

There's always something happening at Uri's Internet Cafe. Come as a regular, day or night — or even between hours. You'll always find friends, interesting people, lots of fun, and lots of helpful advice, columns, witty sports insights, unique perspectives, provocative conversation — if you're really lucky, and a few laughs.

FOR BEGINNERS ONLY

If you're new to the Internet and this Whole Wide World, you've come to the right place. We'll help you get started and have someone guide you through your first steps. You'll learn how to search the Web, what search engines are, what download means, and more. You'll also learn how to use e-mail, what a URL is, and how to use the Internet safely.

THE SPORTS BAR

Get an 18-way view of what's happening in the sports world. You won't hear this on prime-time TV.

THE NAVIGATION BAR

Coming soon! Even we don't know where it is.

THE GIFT SHOP AND BOOKSTORE

Be the first to own audio books like the first in the world's best-selling series, "The Da Vinci Code," by Dan Brown, and "The Da Vinci Code," by Dan Brown, and many more. You'll also receive books on the latest technology, including the latest titles featuring Col and the rest of the Internet world.

THE CHANGING ROOM

Most days, Uri's Internet Cafe's the most interesting, and maybe deepest, place on the Internet. "Change your mind, change your future, but at least change your wardrobe."

THE BACK PORCH

Come around to talk back porch topics with Uri and his friends. You'll discuss things like Internet culture, the latest Internet world.

You want products? We got products!

Want to buy a fat cat from an up-and-coming artist? You don't see it now, but just wait! We'll show you that fat cat, posters, caps, polo-shirts, sneakers, hats, and more. And other great gift ideas at Uri's Internet Cafe.

You need a fat cat? You can't afford one? Well, don't worry. We'll replace those fat cats with live bring alongs instead of the office.

Did we mention polo shirts, caps, hats, and more? And did we just say bring alongs instead of the office? Didn't you notice that just saying bring alongs didn't seem quite right? Why not bring alongs twice?

Want to buy a fat cat? Once again, you can't afford one.

And for beginners only

If you're new to the Internet, you'll find Uri's Wide Web Index especially useful. It's a friendly introduction to "Web basics" and a look at the differences between the Internet and the World Wide Web, what exactly you can do with the Internet, and what you can't.

And for beginners only

If you're still a "World Wide Web" Wallflower, or if you've still got a little time and money to burn before you're armed, check out *The SITCOM!* It's a Internet Café in the basement of the Internet Cafe at 1375 Madison Avenue. The Internet Cafes are a bit like glorified houses with a dozen ports, back porch, basement, and extra bunks. U.S.3 is a combination, something place that doesn't have a single logo, because it has no single owner. It's connected to a high-speed line. This Internet access provider provides wireless online (high-speed) access to the Internet world so we're living in, and gives you a computer and a telephone connection for a flat monthly fee. It's one of the few things that even the general public has an understanding of—computer relationships, wireless access, etc., etc.

There's also a gallery of common Internet-related items with definitions you can actually understand, and access to a whole bunch of new information about all sorts of aspects of the Internet and the World Wide Web. So, the time has come to get off the Internet beginner's list; you won't be a beginner anymore!

The SITCOM!

U.S.3 Internet Café is located at 1375 Madison Avenue between 86th and 87th Streets, just west of Central Park. It's right across the street from the Internet Cafe to the Adam Hostel/Residence, which sits 1375 Madison, as well as the place where you can find *Internet Movie Sightings*.

Otherwise, the landlords like to make arrangements to let you stay in their apartments, but you'll have to pay for it. They'll ask for your phone # if you want to stay there. They'll say "I use one?" When confronted, they promise to speak English. Gag. I'm not sure if I'm going to say what things in meanningly and simple people don't even know. When you come in, "Hi, I'm the owner," "The guy who I am?" "Indeed, even though

Adams, and Dave Watts all stay by now—and that because they're "technologists."

The Cast of Characters

Eric Watt, proprietor of the café. He's a smug but lovable guy. "This is the Internet," I can hear him saying. "It's not just a computer, it's a life." He likes to talk about himself, he was also a 2000 Olympian of it.

Brianne Cheung, the dog catcher. She's a very nice girl. On the web site, Brianne is the one who always helps answer the questions about the Internet and the World Wide Web. She's a real animal lover, and probably why. Except she loves her job too.

ANNE: A Wisconsin girl, she's been working at the Internet Café since the beginning. "Come closer to my laptop," she says. Anne works at a Web design service column on the web site.

GRANNY: The weirdo logger. She's a 40+ cent, but is insanely anal about technology. Techno-obsessive, she's a real geek. Her blog is full of all the newest online methodologies.

POLLY: U.S.3's girlfriend, is a 20-something who's been musing with knitting rigs, trying to save cash and make odd and delicious and



On the other hand, don't use a different typeface and arrangement for every article. If you create a strong, consistent, underlying structure throughout the newsletter, then you can call attention to a special article by treating it differently.

If everything is different,
nothing is special.



201-984-2345
Santa Fe, New Mexico 87501
800-424-1115 or
800-426-8762
<http://www.santafe.com>

Hans Böcking
c/o Dr. Grafecke-Nipkow
Kl. Glemseck
D-2100 Kiel-Holtenau 49
Germany

8
2005

Tips on designing newsletters

The biggest problems with newsletters seem to be lack of alignment, lack of contrast, and too much Helvetica (Arial is another name for Helvetica).

Alignment

Choose an alignment and stick to it. Trust me—you'll have a stronger and more professional look to your entire newsletter if you maintain that strong edge along the left. And keep everything else aligned. If you use rules (lines), they should begin and end in alignment with something else, like the column edge or column bottom. If your photograph hangs outside the column one-quarter inch, crop it.

You see, if all the elements are neatly aligned, then when appropriate you can freely break out of that alignment with gusto. But don't be a wimp about breaking the alignment—either align the item or don't. Placement that is a *little bit* out of alignment looks like a mistake. If your photo does not fit neatly into the column, then let it break out of the column boldly, not barely.

Paragraph indents

First paragraphs, even after subheads, should not be indented. When you do indent, use the standard typographic indent of one "em" space, which is a space as wide as the point size of your type; that is, if you're using 11-point type, your indent should be 11 points (about two spaces, not five). Use either extra space between paragraphs or an indent, but not both.

Not Helvetica!

If your newsletter looks a little gray and drab, you can instantly juice it up simply by using a strong, heavy, sans serif typeface for your headlines and subheads. Not Helvetica. The Helvetica or Arial that came with your computer isn't bold enough to create a strong contrast. Invest in a sans serif family that includes a heavy black version as well as a light version (such as Eurostile, Formata, Syntax, Frutiger, or Myriad). Use that heavy black for your headlines and pull-quotes and you'll be amazed at the difference.

Readable body copy

For best readability, avoid using a sans serif for the body copy. Try a classic oldstyle serif face (such as Garamond, Jenson, Caslon, Minion, or Palatino), or a lightweight slab serif (such as Clarendon, Bookman, Kepler, or New Century Schoolbook). What you're reading right now is Warnock Pro Light from Adobe.

Brochures

Brochures are a quick and inexpensive way to get the word out about your brand new homemade-pie business, school fundraiser, or upcoming scavenger hunt. Dynamic, well-designed brochures can be "eye candy" for readers, drawing them in and educating them in a delightful and painless way.

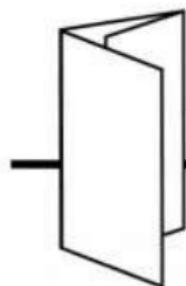
Armed with the basic design principles, you can create eye-grabbing brochures of your own. The tips on the next couple of pages will help.

Before you sit down to design the brochure, fold a piece of paper into the intended shape and make notes on each flap. Pretend you just found it—in what order do you read the panels?

Keep in mind the order in which the panels of a brochure are presented to the reader as they open it. For instance, when a reader opens the front cover, they should not be confronted with the copyright and contact information.

The fold measurements are not the same on the front as they are on the back! After you fold your paper sample, measure from left to right on front and back. **Do not simply divide 11 inches into thirds**—it won't work.

It's important to be aware of the folds; you don't want important information disappearing into the creases! **If you have a strong alignment for the text** on each panel of the brochure, however, feel free to let the graphics cross over the space between the columns of text (the **gutter**) and into the fold. See the example on page 107.



The three-fold style shown to the left is by far the most commonly seen for brochures (because it works so well for letter-sized paper), but there are lots of other fold options available. Check with your print shop.

The brochure examples on the following pages are set up for a standard, 8.5x11-inch, three-fold brochure like this one.



A brochure can be your number-one marketing tool.

Don't do this!

Url Ratz®, to be specific.

I'm Url. I'm a rat. As Head-Rodent-In-Charge (HRIC) of Url's Internet Cafe, it's my job to keep the cafe stocked with stuff that most computer users need . . . like lab coats and RatPadz® with my picture on them.

I feel confident that you won't find anything *more* useful anywhere.



Get on the Internet and do stuff.®

Visit Url's Internet Cafe on the World Wide Web and meet all the cafe regulars: Browser, the full-blooded Non-Hound; Lilac, Url's new-Laditude girlfriend; Dimon Soren, the humorless landlady; Gig Megaflop, a has-been therapist; Amanda Recklesswith, advice columnist; and special columns by Robin Williams, author and speaker, plus sports commentary by Url Ratz. There's more, but, unlike the web site, we're out of space.

Url's Internet Cafe



www.UrlInternetCafe.com

Url's Internet Cafe



If you use the Internet, we've got one thing to say to you: Ratz.

P.O. Box 23485
Santa Fe, NM 87505

**Don't set items centered and flush left on the cover (or inside)!
Pick one alignment. Please.**

Url's Shirts and Lab Coats

Url's t-shirts, sweatshirts, and polo shirts (and, yes, lab coats) are designed specially for those of us who don't mind using fishbone wear as a desperate cry for help. If you've ever designed a web site, you know what we mean.

Every garment is top quality, just as you would expect from any operation whose spokesperson is a rodent. You can see the entire collection, including Browser the full-blooded Non-Hound, on the World Wide Web.

Url's Coffee Mugs

Sure, you can drink coffee from any old mug. But wouldn't it be nice to have a mug that tells the world just how deep into this web stuff you really are? These mugs make great gifts for clients, business associates, relatives, or friends. Give a client a mug and he'll understand why his project hasn't been finished. Or just buy one for yourself!

Url's Coffee

If you've noticed you're spending lots more time at the old computer than you used to, welcome to the club. For what it's worth, here's our best advice from hardcore computer users: stock up on good coffee, preferably coffee created by a team of computer professionals and a small, fabulous coffee company in Santa Fe, New Mexico. Url's Internet Cafe offers three different blends that fit this description. Buy them at www.UrlInternetCafe.com.



Url's RatPadz®

Why be half-ratty? Live the dream. Express your Internet-hiss with Url's RatPadz®.

These are just some of the items available in the Rat Cache. And Url, pack-Rat that he is, keeps dreaming up new stuff to add to the collection.

When you go online to visit Url's Internet Cafe, you'll find more than great gift ideas. You'll discover a whole RatZest of information and entertainment.

www.UrlInternetCafe.com

Don't use 12-point type for your body copy. Besides looking unsophisticated, 12-point in most typefaces is too large for the column width in a standard three-fold brochure.

Don't set the copy too close to the fold. Remember that you're going to fold the paper down the middle of the column gutter, so allow more room between columns in a brochure than you would in a newsletter.

Try this . . .

Ur! Ratz... to be specific.

I'm Ur!, I'm a rat.
As Head-Rodent-In-Charge
(HRIC) of Ur!s Internet Cafe,
it's my job to keep the cafe
stocked with stuff that most
computer users need . . . like
lab coats and RatPadz™ with
my picture on them. I feel
confident that you won't find
anything uglier more useful
anywhere.



Get on the Internet and do stuff.

Visit Ur!s Internet Cafe on the World Wide Web
and meet all the cafe regulars: Rizer, the
Full-Blooded Net-Hound; Plat, the Luddite girl
friend; Snowflake, the hamster (sundae);
Rock Biogard, Snowflake's Hegelian son-of-a-/
Aldous Huxley; and Ur!, the rodent. Read
special columns by Robin Williams, author and
comedian, plus sports commentary by Ur! Ratz.
There's more, but, unlike the web site, we're
out of space.

www.UrlsInternetCafe.com

If you use the Internet,
we've got one thing
to say to you . . .



Which panel will
the reader see first?
second? This
brochure
is designed
to draw
the reader
in little
by little.

After the initial powerful greeting on the cover panel, the reader gets an introduction to the mascot for the company on the next panel, then finally opens to the inside of the brochure.

Ur!s Shirts and Lab Coats

Ur!s t-shirts, sweatshirts, and polo shirts (and yes, lab coats) are designed specially for those of us who don't mind using Rodentwear as a desperate cry for help. If you've ever designed a web site, you know what we mean.



Ur!s Coffee

If you've refried
you're spending lots
more time at the old
computer than you
used to, welcome to
the club. For what
it's worth, here's what
you can have: hacked
computer espresso stock
up a good coffee, preferably coffee created
by a team made up of computer professionals
and a small, tabaceous coffee company in
Santa Fe, New Mexico. Ur!s Internet Cafe offers
three different, Mindy Hat fits this description.
Buy them at: www.UrlsInternetCafe.com

Ur!s Coffee Mugs

Since you can drink coffee from any old mug,
but wouldn't it be nice to have a mug that
makes just how cool this web stuff you
make and? These mugs make great gifts
for clients, business associates,
relatives, or friends. Use this
as your breakfast table
and your spouse will know
you're working late tonight.
Give your client a mug and
he'll wonder why you're
so full of beans. Buy one
for yourself just
to make your peers envious.

Ur!s RatPadz®

Why be half-catty? Live the dream. Express
your Internet-bliss with Ur!s RatPadz®.



These are just some of the items
available in the Ur! Cache. And
Ur!, pack-Rat that he is, keeps
dressing up new stuff to add
to the collection.

When you go online to visit Ur!s
Internet Cafe, you'll find more
than great gift ideas. You'll discover
a whole Ratlichkeit of information
and entertainment.

www.UrlsInternetCafe.com

Notice how
contrast of
color and
size are
used here.

Play with the graphic images in your brochure—make them bigger, overlap them, wrap text around them, tilt them. You can do all this if your text presents a solid, aligned base.

See how the only things that cross the gutter (the fold area in between text blocks) are pieces of art? Graphics don't get lost in the fold.

Tips on designing brochures

Brochures created by new designers have many of the same problems as newsletters: lack of contrast, lack of alignment, and too much Helvetica/Arial. Here's a quick summary of how the principle elements of design can be applied to that brochure you're working on.

Contrast

As in any other design project, contrast not only adds visual interest to a page so a reader's eye is drawn in, but it also helps create the hierarchy of information so the reader can scan the important points and understand what the brochure is about. Use contrast in the typefaces, rules, colors, spacing, size of elements, etc. Remember that the only way contrast is effective is if it's strong—if two elements are not exactly the same, make sure they are **very** different. Otherwise it looks like a mistake. Don't be a wimp.

Repetition

Repeat various elements in the design to create a **unified look** to the piece. You might repeat colors, typefaces, rules, spatial arrangements, bullets, etc.

Alignment

I keep repeating myself about this alignment stuff, but it's important, and the lack of it is consistently a problem. **Strong, sharp edges** create a strong, sharp impression. A combination of alignments (using centered, flush left, and flush right in one piece) usually creates a sloppy, weak impression.

Occasionally, you may want to intentionally break out of the alignment (as I did on page 107); **this will only work if you have other strong alignments** to contrast with the breakout.

Proximity

Proximity, **grouping** similar items close together, is especially important in a project such as a brochure where you have a variety of subtopics within one main topic. How close and how far away items are from each other communicates the relationships of the items.

To create the spatial arrangements effectively, **you must know how to use your software** to create space between the paragraphs (space before or space after) instead of hitting the Enter or Return key twice. Two Returns between paragraphs creates a larger gap than you need, forcing items apart that should be close together. Two Returns also creates the same amount of space *above* a headline or subhead as there is *below* the head (which you don't want), and it separates bulleted items that should be closer together. Learn that software!

Postcards

Because they're so visual and so immediate—no envelopes to fuss with, no paper cuts—postcards are a great way to grab attention. And for these same reasons, an ugly or boring postcard is a waste of everybody's time.

So, to avoid waste, remember the following:

Be different. Oversized or oddly shaped postcards will stand out from that crowd in the mailbox.

Think "series." A single postcard makes one impression; just think what a series of several could do!

Be specific. Tell the recipient exactly how they'll benefit (and what they need to do to get that benefit).

Keep it brief. Use the front of the postcard for a short and attention-getting message. Put less important details on the back.

If possible, use color. Besides being fun to work with, color attracts the eye and draws interest.



Don't forget: white space is a design element, too!

Don't do this!

Great gift ideas for your Internet-obsessed friends

RATZ! THAT'S WHAT YOU USUALLY SAY WHEN YOU REALIZE THE HOLIDAYS ARE HERE AND YOU HAVEN'T DONE DIDDLY-SQUAT FOR SHOPPING. BUT NOW WHEN YOU SAY "RATZ!" YOU'RE REMINDED OF URL RATZ AND HIS INTERNET CAFE FULL OF UNIQUE GIFTS DEVELOPED JUST FOR INTERNET MAVENS LIKE YOU AND YOUR SCREEN-RADIATED FRIENDS AND RELATIVES. HAPPY HOLIDAYS. NOW GET ON THE INTERNET AT WWW.URLSINTERNETCAFE.COM AND DO STUFF.



What's wrong with this headline?

Don't use 12-point Helvetica, Arial, or Times.

Don't set information in all caps because it is so difficult to read that no one will read it. They didn't ask for the card in the first place, did they? Use contrast and spatial relationships to communicate a message clearly.

Great GIFT IDEAS for your Internet-obsessed friends

Ratz! That's what you usually say when you realize the holidays are here and you haven't done diddly-squat for shopping. But now when you say "Ratz!" you're reminded of Url Ratz and his Internet Cafe full of unique gifts developed just for Internet mavens like you and your screen-radiated friends and relatives.

Now get on the Internet at
www.urlsinternetcafe.com
Happy Holidays. and do stuff.



The guidelines for business cards (pages 89–92) also apply to postcards: don't stick things in the corners; don't think you have to fill the space; don't make everything the same size or almost the same size.

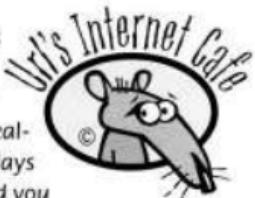
Try this . . .

Great gift ideas for your Internet-obsessed friends

Ratz! That's what you usually say when you realize the holidays are here and you haven't done diddly-squat for shopping. But now when you say "Ratz!" you're reminded of Url Ratz and his Internet Cafe full of unique gifts developed just for Internet mavens like you and your screen-radiated friends and relatives. Happy Holidays.

Now get on the Internet at www.UrlIsInternetCafe.com and do stuff.

As in any piece where you need to get someone's attention instantly, create a hierarchy of information so the reader can scan the card and make a quick decision as to whether they want to read the rest of it or not.



Try an odd size postcard, such as tall and narrow, short and fat, oversized, or a fold-over card.

Just be sure to take your intended size and paper to the post office and make sure it fits regulations before you print it! And verify the cost of postage for an odd-sized card.

Great gift ideas for your Internet-obsessed friends

Ratz® That's what you usually say when you realize the holidays are here and you haven't done diddly-squat for shopping. But now when you say "Ratz!" you're reminded of Url Ratz and his Internet Cafe full of unique gifts developed just for Internet mavens like you and your screen-radiated friends and relatives. Happy Holidays. Now get on the Internet at www.UrlIsInternetCafe.com and do stuff.



Tips on designing postcards

You only have a split second to capture someone's attention with an unsolicited postcard that arrives in the mail. No matter how great your copy, if the design of the card does not attract their attention, they won't read your copy.

What's your point?

Your first decision is to determine what sort of effect you want to achieve. Do you want readers to think it is an expensive, exclusive offer? Then your postcard had better look as expensive and professional as the product. Do you want readers to feel like they're getting a great bargain? Then your postcard shouldn't be too slick. Discount places spend extra money to make their stores look like they contain bargains. It's not an accident that Saks Fifth Avenue has a different look—from the parking lot to the restrooms—than does Kmart, and it doesn't mean that Kmart spent less on decor than did Saks. Each look serves a distinct and definite purpose and reaches out toward a specific market.

Grab their attention

The same design guidelines apply to direct-mail postcards as to anything else: contrast, repetition, alignment, and proximity. But with this kind of postcard, you have very little time to induce recipients into reading it. **Be brave** with bright colors, either in the ink or the card stock. Use striking graphics—there's plenty of great and inexpensive clip art you can use in all sorts of creative ways.

Contrast

Contrast is probably your best friend in a direct-mail postcard. The headline should be in strong contrast to the rest of the text, the colors should use strong contrast to each other and to the color of the paper stock. And don't forget that **white space** creates contrast!

Newspaper ads

A well-designed newspaper ad can work wonders for an advertiser; however, looking good is not all it takes to be successful in newsprint. Here are a few hints that will help even the sexiest ad rake in results:

White space! Take note of yourself next time you scan the newspaper. Which ads do your eyes naturally land on, and which ads do you actually read? I'll bet you see and read at least the headlines of the ads that have more white space.

Be clever. There's nothing that can compete with a clever headline. Not even good design. (But with both, the possibilities multiply!)

Be clear. Once your catchy headline has garnered some attention, your ad should specifically tell readers what to do (and give them the means to do so, i.e. phone number, email address, web address, etc.).

Be brief. Your ad is not the place to put your life story. Keep the copy simple and to the point.

Use color when you can. It always attracts the eye, particularly when surrounded by a sea of gray text.



Summertime Snowball Sale

Url saved up all winter so you could bring a little cold weather home this summer.

Snowballs 2/\$5 All day Saturday, July 25 9-6 Url's Internet Cafe

Ads don't have to scream to be effective.

Don't do this!

THIS IS THE TECHNOLOGY AGE. LAB COATS FOR SALE.

You could also use a t-shirt that tells your clients the Internet facts of life. And coffees blended specifically for web surfers.

You'll need matching mugs for the coffee and most likely you'll want original RatPadz® to replace those clunky old mouse pads you have just lying around the office.

Did we mention polo shirts, caps, gift boxes, and do-rags? Prepare yourself for the Technology Age: visit Url's Internet Cafe for great gift ideas and a cafe full of educational, fun stuff.



www.Url'sInternetCafe.com

If your headline doesn't grab their attention, they won't read your body copy no matter how big you set it. (If you get rid of the caps, your headline can be set much larger.)

Don't make all the text the same size. Call out your headline, but once you catch the reader's eye and mind with your headline, they will read the rest of the text, even if it's 9-point type.

WOULD YOU BUY A LAB COAT FROM AN UGLY RAT?

You may not think so now, but just wait 'til you see the lab coats, t-shirts, caps, polo shirts, special coffees, teas, mugs, RatPadz®, and other great gift ideas at Url's Internet Cafe.



www.Url'sInternetCafe.com

P.O. Box 23465
Santa Fe, NM 87505
(505) 424-1115

But people don't come here just to shop. It's a cafe where just hangin' out is an art form. And when that sudden impulse to buy a lab coat hits, we've got 'em right here. So, if you think he's sleazy, ugly rat, you're right. But come on, how many handsome lab coat salesmen do you know?



Don't cram the space full! I know you paid for it, but white space is just as valuable and well worth the money.

Unless your ad offers valuable, free information that a reader really wants to know and can't get anywhere else, don't stuff it. Let there be white space.

Try this . . .

This is the
Technology Age.

You need a lab coat.

You could also use a t-shirt that tells your clients the Internet facts of life (exhibit A). And coffee blocks specifically for web surfers. You'll need matching mugs for the coffee and most likely you'll want original RatPadsTM to replace those chunky old mouse pads you have just lying around the office. But we mention polo shirts, caps, gift boxes, and do-rags? Prepare yourself for the Technology Age: visit URL's Internet Cafe for great gift ideas and a cafe full of educational, fun stuff.



www.URLsInternetCafe.com

White space is good. The trick about white space is that it needs to be organized. In the first ad on the opposite page, there is just as much white space as there is in this ad to the right, but it's sprawled all over the place.

Organize the white space just as consciously as you organize the information.

Would you buy a lab coat from an ugly rat?



You may not think so now, but just wait 'till you see the lab coats, t-shirts, caps, polo shirts, special coffee, tees, mugs, RatPadsTM, and other great gift ideas at URL's Internet Cafe. But people don't come here just to shop. It's a cafe where just hangin' out is part of the fun. And when that sudden impulse to buy a lab coat hits, we've got 'em right here. So, if you think he's a sleazy, ugly rat, you're right. But come on, how many handsome lab coat salesmen do you know?



65 Raton Road
Santa Fe, New Mexico
www.URLsInternetCafe.com

As with any other design project, use contrast, repetition, alignment, and proximity. Can you name where each of those concepts have been used in these ads?

Tips on designing newspaper ads

One of the biggest problems with newspaper ads is crowding. Many clients and businesses who are paying for a newspaper ad feel they need to fill every particle of space because it costs money.

Contrast

With a newspaper ad, you need contrast not only in the advertisement itself, but also between the ad and the rest of the newspaper page that it's placed on. In this kind of ad, the best way to create contrast is with white space. Newspaper pages tend to be completely full of stuff and very busy. An ad that has lots of white space within it stands out on the page, and a reader's eye can't help but be drawn to it. Experiment with yourself. Open a newspaper page (or a phone book page) and scan it. I guarantee that if there is white space on that page, your eyes will go to it. They go there because white space provides a strong contrast on a full, busy page.

Once you have white space, your headline doesn't need to be in a big, fat, typeface screaming to compete with everything else. You can actually get away with a beautiful script or a classy oldstyle instead of a heavy face.

Type choices

Newsprint is porous, coarse paper, and the ink spreads on it. So don't use a typeface that has small, delicate serifs or very thin lines that will thicken when printed, unless you are setting the type large enough that the serifs and strokes will hold up.

Reverse type

Avoid reverse type (white type on a dark background) if possible, but if you must have it, make sure you use a good solid typeface with no thin lines that will fill in when the ink spreads. As always when setting type in reverse, use a point size a wee bit larger and bolder than you would if it was not reversed because the optical illusion makes reverse type appear smaller and thinner.

Web sites

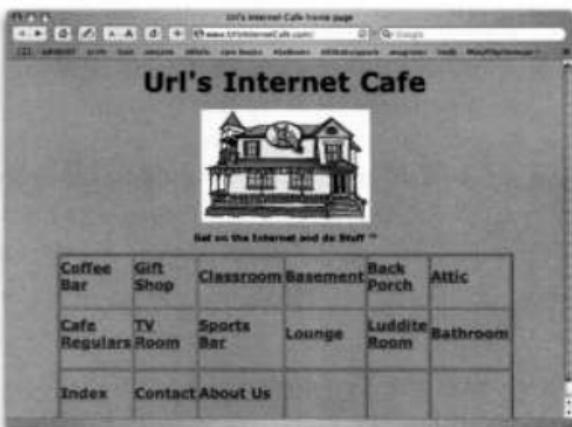
While the same four basic principles I've mentioned over and over in this book (contrast, repetition, alignment, proximity) also apply to web design, **repetition** is one of the most important for a web site. The other three principles help the pages look good and make sense, but repetition lets your visitors know whether they're still in the same web site. You should have a consistent navigation system and graphic style so your visitors always know they are in the same web site. Repeating a color scheme, the same typefaces, buttons, or similar-style graphic elements placed in the same position on each page will do the trick.

Designing a web site is quite a bit different from designing printed pieces. If you're brand-new to web design and want to learn how to get started, you really should check out *The Non-Designer's Web Book*. Once you've mastered the basics in that book, look into *Robin Williams Web Design Workshop*.



Your web site should be inviting and easy to move around in. This site is clean and simple. Google.com is a great example of a fabulous, useful, yet clean and simple site.

Don't do this!

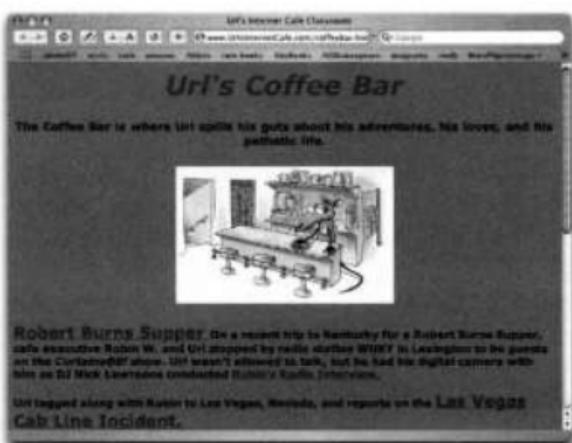


Don't make visitors scroll to see the navigation links!

Don't use the default blue color for your text or graphic links. It's a sure sign of an amateur page.

Don't make text links within big, dorky, table cells with the borders turned on.

Don't make a link on the home page to every page in your site. Group related pages together.



Don't let text bump up against the left edge of the browser window.

Don't use a fluorescent background color, especially with fluorescent type!

Don't make the visitor scroll sideways!! Keep your page within the 800-pixel width maximum. Especially don't make a table that is wider than 600 pixels or people will be very mad at you when they try to print your page.

Try this . . .



Keep your entry page and your home page within a framework of 800 pixels wide by 600 pixels deep. A visitor should not have to scroll on a home page to find the links!



Absence of the bad features of web design takes you a long way toward good web design.

Take a look at Peachpit.com or Adobe.com. Name at least five things that provide the visitor with a consistent look-and-feel so the visitor always knows, no matter what page they are on, that they are in the Adobe site. Put into words exactly what makes the difference between the examples on these two pages. Stating the design features—good and bad—out loud, naming them, helps you design better.

Tips on designing web pages

Two of the most important factors in good web design are **repetition and clarity**. A visitor should never have to figure out how to use your navigation system, where they are in the site, or whether they are still in your web site or have jumped somewhere else.

Repetition

Repeat certain visual elements on every page in your web site. This not only lets the visitor know they are still at your site, but also provides unity and continuity, intrinsic features of any good design.

Once you get to content pages, the visitor should find the navigation in the same place, in the same order, with the same graphics. Not only does this make it easy for the visitor to find their way through your site, but it provides a unifying factor to the collection of pages.

Readability

One of the most unreadable places to read text is on a monitor, whether it's television, video, or computer. So we need to make a few adjustments to the text on web pages to make sure it's as easy to read as possible.

Use **shorter line lengths** than you might use on paper. The body copy should never run the entire width of the web page, which means you must put the text in a table (or at least use a block indent, which indents the text from both the left and right sides). But don't use such short line lengths that you break up the phrasing of the sentences too much.

If you are specifying the text to appear in a certain typeface (if you're not, ignore this), typically Helvetica or Arial and Times or Times Roman, please specify Geneva in front of Helvetica, and New York in front of Times. This will make the text on Macintoshes appear much so much cleaner and easier to read. (If you use a Mac, set your default font to New York instead of Times, and you will be amazed at how much easier it is to read web pages. Change it back to Times before you print a page.) Verdana is found on all operating systems updated within the past few years, and it's an excellent choice for body copy on the web.

Designing

with

TYPE

The second half of this book
deals specifically with type,
since type is what design
is all about, yes?

This section particularly
addresses the problem
of combining more than one
typeface on the page.

Although I focus
on the aesthetics of type,
never forget
that your purpose is
communication.

The type should never
inhibit the communication.

What type shall I use?

The gods refuse
to answer.

They refuse
because
they
do not
know.

W.A. Dwiggins

Type (& Life)

Type is the basic building block of any printed page. Often it is irresistibly compelling and sometimes absolutely imperative to design a page with more than one typeface on it. But how do you know which typefaces work effectively together?

In Life, when there is more than one of anything, a dynamic relationship is established. In Type, there is usually more than one element on a page—even a document of plain body copy typically has heads or subheads or at least page numbers on it. Within these dynamics on the page (or in life), a relationship is established that is either concordant, conflicting, or contrasting.

A **concordant** relationship occurs when you use only one type family without much variety in style, size, weight, and so on. It is easy to keep the page harmonious, and the arrangement tends to appear quiet and rather sedate or formal—sometimes downright dull.

A **conflicting** relationship occurs when you combine typefaces that are *similar* in style, size, weight, and so on. The similarities are disturbing because the visual attractions are not the same (concordant), but neither are they different (contrasting), so they conflict.

A **contrasting** relationship occurs when you combine separate typefaces and elements that are clearly distinct from each other. The visually appealing and exciting designs that attract your attention typically have a lot of contrast built in, and the contrasts are emphasized.

Most designers tend to wing it when combining more than one typeface on a page. You might have a sense that one face needs to be larger or an element needs to be bolder. However, when you can recognize and *name the contrasts*, you have power over them—you can then get to the root of the conflicting problem faster and find more interesting solutions. And *that* is the point of this section.

Concord

A design is concordant when you choose to use just one face and the other elements on the page have the same qualities as that typeface. Perhaps you use some of the italic version, and perhaps a larger size for a heading, and maybe a graphic or several ornaments—but the basic impression is still concordant.

Most concordant designs tend to be rather calm and formal. This does not mean concord is undesirable—just be aware of the impression you give by using elements that are all in concord with each other.

Life's but a walking shadow, a poor player
that struts and frets his hour upon the stage,
and then is heard no more; it is a tale
told by an idiot, *full of sound and fury*,
signifying nothing.

This concordant example uses Cochin. The first letter is larger and there is some italic type (Cochin Italic), but the entire piece is rather subdued.

Hello!

My name is _____

My theme song is _____

When I grow up I want to be _____

The heavy typeface combines well with the heavy border. Even the line for writing on is a bit heavy.

∞
You are cordially invited
to share in our
wedding celebration

∞
Popeye & Olive Oyl

∞
April 1
3 o'clock in the afternoon
Berkeley Square

The typeface, the thin border, and the delicate ornaments all give the same style impression. Look familiar? Lots of folks play it safe with their wedding invitations by using the principle of concord.

Conflict

A design is in conflict when you set two or more typefaces on the same page that are *similar*—not really different and not really the same. I have seen countless students trying to match a typeface with one on the page, looking for a face that “looks similar.” Wrong. When you put two faces together that look too much alike without really being so, most of the time it looks like a mistake. *The problem is in the similarities.*

Concord is a solid and useful concept; **conflict** should be avoided.

Life's but a walking shadow, a poor player
that struts and frets his hour upon the stage,
and then is heard no more; it is a tale
told by an idiot, full of sound and fury,
signifying nothing.

As you read this example, what happens when you get to the phrase, “full of sound and fury”? Do you wonder why it’s in another typeface? Do you wonder if perhaps it’s a mistake? Does it make you twitch? Does the large initial letter look like it is supposed to be there?

What's up?

My name is _____

My theme song is _____

When I grow up I want to be _____

Look particularly at the "a," the "t," and the "s" in the headline and the other lines. They are similar but not the same. The border is not the same visual weight as the type or the lines, nor are they in strong contrast. There is too much conflict in this little piece.

❀
You are cordially invited
to share in our
wedding celebration

—————
Olive & Popeye

—————
April 1
3 o'clock in the afternoon
Berkeley Square

This small invitation uses two different scripts—they have many similarities with each other, but they are not the same and they are not different.

The ornaments have the same type of conflict. The piece looks a bit cluttered.

Contrast

*There is no quality in this world that is not what it is merely by contrast.
Nothing exists in itself.* —Herman Melville

Now this is the fun part. Creating concord is pretty easy, and creating conflict is easy but undesirable. Creating contrast is just fun.

Strong contrast attracts our eyes, as you learned in the previous section about design. One of the most effective, simplest, and satisfying ways to add contrast to a design is with type.

Life's but a walking shadow, a poor player
that struts and frets his hour upon the stage,
and then is heard no more;
it is a tale told by an idiot,
full of sound and fury,
signifying nothing.

In this example it's very clear that the phrase "full of sound and fury" is supposed to be in another typeface. The entire piece of prose has a more exciting visual attraction and a greater energy due to the contrast of type.

Hello!

My name is _____

My theme song is _____

When I grow up I want to be _____

Now the contrast between the typefaces is clear (they are actually in the same family: Antique Olive)—the very bold face contrasts the very light face. The line weights of the border and writing lines also have a clear distinction.

You are cordially invited
to come to our
garden party!

Popeye & Olive Oyl

April 1

3 o'clock in the afternoon

Berkeley Square



This invitation uses two very different faces—they are different in many ways.

The graphic picks up the strength of the dark typeface, adding another contrast to the script and creating a repetitive touch.

Summary

Contrast is not just for the aesthetic look of the piece. It is intrinsically tied in with the organization and clarity of the information on the page. Never forget that your point is to communicate. Combining different typefaces should enhance the communication, not confuse it.

There are six clear and distinct ways to contrast type: size, weight, structure, form, direction, and color. The rest of this book talks about each of these contrasts in turn.

Although I elaborate on each of the contrasts one at a time, rarely is one contrast effective. Most often you will strengthen the effect by combining and emphasizing the differences.

If you have trouble seeing what is wrong with a combination of typefaces, don't look for what is *different* between the faces—look for what is *similar*. It is the similarities that are causing the problem.

The one rule to follow when contrasting type is this: *don't be a wimp!*

But...

Before we get to the ways to contrast, you need to have a familiarity with the categories of type. Spend a couple of minutes with each page in the next chapter, noting the similarities that unify a category of type. Then try to find a couple of examples of that kind of type before you move on to the next category. Look in magazines, books, on packages, anything printed. Believe me, taking a few moments to do this will make everything sink in so much faster and deeper!

Categories of type

There are many thousands of different typefaces available right now, and many more being created every day. Most faces, though, can be dropped into one of the six categories mentioned below. Before you try to become conscious of the *contrasts* in type, you should become aware of the *similarities* between broad groups of type designs, because it is the *similarities* that cause the conflicts in type combinations. The purpose of this chapter is to make you more aware of the details of letterforms. In the next chapter I'll launch into combining them.

Of course, you will find hundreds of faces that don't fit neatly into any category. We could make several hundred different categories for the varieties in type — don't worry about it. The point is just to start looking at type more closely and clearly.

I focus on these six groups:

Oldstyle

Modern

Slab serif

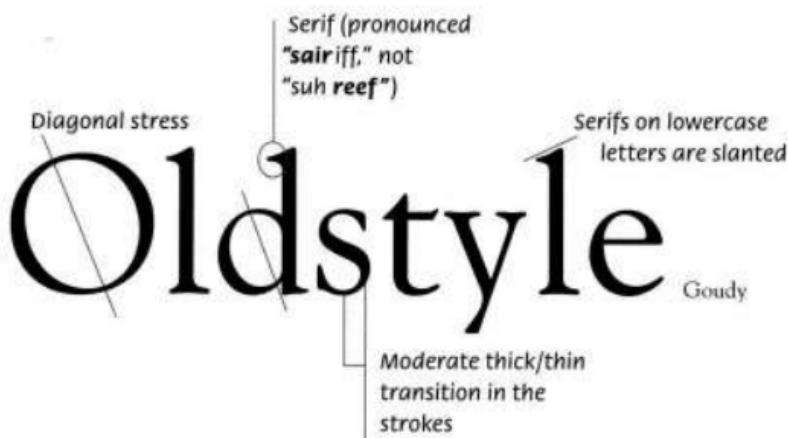
Sans serif

Script

Decorative

Oldstyle

Typefaces created in the **oldstyle** category are based on the handlettering of scribes—you can imagine a wedge-tipped pen held in the hand. Oldstyles always have serifs (see the call-out below) and the serifs of lowercase letters are always at an angle (the angle of the pen). Because of that pen, all the curved strokes in the letterforms have a transition from thick to thin, technically called the “thick/thin transition.” This contrast in the stroke is relatively moderate, meaning it goes from kind-of-thin to kind-of-thicker. If you draw a line through the thinnest parts of the curved strokes, the line is diagonal. This is called the *stress*—oldstyle type has a diagonal stress.



Goudy Palatino Times
Baskerville Garamond

Do these faces all look pretty much the same to you? Don't worry—they look the same to everyone who hasn't studied typography. Their “invisibility” is exactly what makes oldstyles the best type group for extensive amounts of body copy. There are rarely any distinguishing characteristics that get in the way of reading; they don't call attention to themselves. If you're setting lots of type that you want people to actually read, choose an oldstyle.

Modern

As history marched on, the structure of type changed. Type has trends and succumbs to lifestyle and cultural changes, just like hairdos, clothes, architecture, or language. In the 1700s, smoother paper, more sophisticated printing techniques, and a general increase in mechanical devices led to type becoming more mechanical also. New typefaces no longer followed the pen in hand. Modern typefaces have serifs, but the serifs are now horizontal instead of slanted, and they are very thin. Like a steel bridge, the structure is severe, with a radical thick/thin transition, or contrast, in the strokes. There is no evidence of the slant of the pen; the stress is perfectly vertical. Moderns tend to have a cold, elegant look.

Vertical stress

Serifs on lowercase letters
are thin and horizontal



Bodoni Times Bold Onyx
Fenice, Ultra Walbaum

Modern typefaces have a striking appearance, especially when set very large. Because of their strong thick/thin transitions, most moderns are not good choices for extended amounts of body copy. The thin lines almost disappear, the thick lines are prominent, and the effect on the page is called "dazzling."

Slab serif

Along with the industrial revolution came a new concept: advertising. At first, advertisers took modern typefaces and made the thicks thicker. You've seen posters with type like that—from a distance, all you see are vertical lines, like a fence. The obvious solution to this problem was to thicken the entire letterform. Slab serifs have little or no thick/thin transition.

This category of type is sometimes called Clarendon, because the typeface Clarendon (shown below) is the epitome of this style. They are also called Egyptian because they became popular during the Egyptomania phase of Western civilization; many typefaces in this category were given Egyptian names so they would sell (Memphis, Cairo, Scarab).

Serifs on lowercase letters are horizontal and thick (slabs)

Vertical stress

Slab serif

Clarendon

Very little or no thick/thin transition, or contrast, in the strokes

Clarendon

Memphis

Memphis Extra Bold

New Century Schoolbook

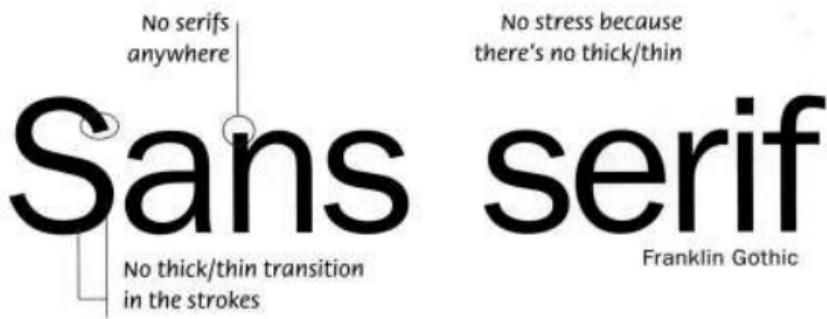
Many of the slab serifs that have a slight thick/thin contrast (such as Clarendon or New Century Schoolbook) are very high on the readability scale, meaning they can easily be used in extensive text. They present an overall darker page than oldstyles, though, because their strokes are thicker and relatively monoweight. Slab serifs are often used in children's books because of their clean, straightforward look.

Sans serif

The word "sans" means "without" (in French), so sans serif typefaces are those without serifs on the ends of the strokes. The idea of removing the serifs was a rather late development in the evolution of type and didn't become wildly successful until the early part of the twentieth century.

Sans serif typefaces are almost always "monoweight," meaning there is virtually no visible thick/thin transition in the strokes; the letterforms are the same thickness all the way around.

Also see the following page for important sans serif information.



**Antique Olive Formata
Folio Franklin Gothic
Futura, Condensed Syntax**

If the only sans serifs you have in your font library are Helvetica and Avant Garde, the best thing you could do for your pages is invest in a sans serif family that includes a strong, heavy, black face. Each of the families above has a wide variety of weights, from light to extra black. With that one investment, you will be amazed at how your options increase for creating eye-catching pages.

Most sans serifs are monoweight, as shown on the preceding page. A very few, however, have a slight thick/thin transition. Below is an example of a sans serif with a stress, called Optima. Faces like Optima are very difficult to combine on a page with other type—they have similarities with serif faces in the thick/thin strokes, and they have similarities with sans serifs in the lack of serifs. Be very careful when working with a sans like this.

Sans serif

Optima

Optima is an exceptionally beautiful typeface, but you must be very careful about combining it with other faces. Notice its thick/thin strokes. It has the classic grace of an oldstyle, but with the serifs removed.

Ever notice that
‘What the heck’
is always
the right decision?

—Nancy Davis

Here you see Optima combined with Spumoni.
Spumoni’s spunky informality is a nice contrast
with Optima’s classic grace.

Script

The script category includes all those typefaces that appear to have been handlettered with a calligraphy pen or brush, or sometimes with a pencil or technical pen. This category could easily be broken down into scripts that connect, scripts that don't connect, scripts that look like hand printing, scripts that emulate traditional calligraphic styles, and so on. But for our purposes we are going to lump them all into one pot.

Arid Shelley Volante Legacy

Cascade Linoscript Zapf Chancery

Scripts are like cheesecake—they should be used sparingly so nobody gets sick. The fancy ones, of course, should never be set as long blocks of text and *never* as all caps. But scripts can be particularly stunning when set very large—don't be a wimp!



Decorative

Decorative fonts are easy to identify—if the thought of reading an entire book in that font makes you wanna throw up, you can probably put it in the decorative pot. Decorative fonts are great—they’re fun, distinctive, easy to use, oftentimes cheaper, and there is a font for any whim you wish to express. Of course, simply because they *are* so distinctive, their powerful use is limited.

Party Potrzebie Improv
Pious Henry JUNIPER juice
FAJITA SCARLETT

When using a decorative typeface, go beyond what you think of as its initial impression. For instance, if Improv strikes you as informal, try using it in a more formal situation and see what happens. If you think Juniper carries a Wild West flavor, try it in a corporate setting or a flower shop and see what happens. Depending on how you use them, decoratives can carry obvious emotions, or you can manipulate them into carrying connotations very different from your first impression. But that is a topic for another book.

Today's mighty
oak is just
yesterday's nut
that held its ground.

*Wisdom sometimes benefits from the use of
decorative fonts.*

Be conscious

To use type effectively, you have to be conscious. By that I mean you must keep your eyes open, you must notice details, you must try to state the problem in words. Or when you see something that appeals to you strongly, put into words *why* it appeals to you.

Spend a few minutes and look through a magazine. Try to categorize the typefaces you see. Many of them won't fit neatly into a single pot, but that's okay—choose the category that seems the closest. The point is that you are looking more closely at letterforms, which is absolutely critical if you are going to combine them effectively.

Little Quiz #3: Categories of type

Draw lines to match the category with the typeface!

Oldstyle

AT THE RODEO

Modern

High Society

Slab serif

Too Sassy for Words

Sans serif

As I remember, Adam

Script

The enigma continues

Decorative

It's your attitude

Little Quiz #4: Thick/thin transitions

Do the following typefaces have:

- A** moderate thick/thin transitions
 - B** radical thick/thin transitions
 - C** no (or negligible) thick/thin transitions
-

Giggle

A B C

Jiggle

A B C

Diggle

A B C

Piggle

A B C

Higgle

A B C

Wiggle

A B C

Little Quiz #5: Serifs

Do the lowercase letters in the examples below have:

- A thin, horizontal serifs
- B thick, slabby [hint] horizontal serifs
- C no serifs
- D slanted serifs

Diggle

A B C D

Riggle

A B C D

Figgle

A B C D

Biggle

A B C D

Miggle

A B C D

Tiggle

A B C D

Notice the huge differences between all the "g" letters! Too much fun.

Summary

I can't stress enough how important it is that you become conscious of these broad categories of type. As you work through the next chapter, it will become clearer *why* this is important.

A simple exercise to continually hone your visual skills is to collect samples of the categories. Cut them out of any printed material you can find. Do you see any patterns developing within a broad category? Go ahead and make subsets, such as oldstyle typefaces that have small x-heights and tall descenders (see the example below). Or scripts that are really more like hand printing than cursive handwriting. Or extended faces and condensed faces (see below). It is this visual awareness of the letterforms that will give you the power to create interesting, provocative, and effective type combinations.



Ascenders are the parts of letters that are taller than the x-height.

The **x-height** is the height of the main body of the lowercase letters.

Descenders are the parts of letters that are below the **baseline** (the invisible line on which the type sits).

Notice the x-height of Bernhard as compared to Eurostile, below. Look at the x-height in relation to the ascenders. Bernhard has an unusually small x-height and unusually tall ascenders. Most sans serifs have large x-heights. Start noticing those kinds of details.

Eurostile Bold 18 point

Eurostile Bold Extended

Eurostile Bold Condensed

Extended typefaces look stretched out; condensed typefaces appear to be squished. Both are appropriate in certain circumstances.

Type contrasts

This chapter focuses on the topic of combining typefaces. The following pages describe the various ways type can be contrasted. Each page shows specific examples, and at the end of this section are examples using these principles of contrasting type on your pages. Type contrast is not only for the aesthetic appeal, but also to enhance the communication.

A reader should never have to try to figure out what is happening on the page—the focus, the organization of material, the purpose, the flow of information, all should be recognized instantly with a single glance. And along the way, it doesn't hurt to make it beautiful!

These are the contrasts I discuss:

S
ize

Weight
Structure

F
ORM

Direction
Color

Size

In which category
of type does this
face belong?

A contrast of size is fairly obvious: big type versus little type. To make a contrast of size work effectively, though, *don't be a wimp*. You cannot contrast 12-point type with 14-point type; most of the time they will simply conflict. You cannot contrast 65-point type with 72-point type. If you're going to contrast two typographic elements through their size, *then do it*. Make it obvious—don't let people think it's a mistake.

HEY. SHE'S CALLING YOU A LITTLE
WIMP

Decide on the typographic element that you want seen as a focus.
Emphasize it with contrasts.

A N O T H E R
newsletter

Volume 1 • Number 1

January • 2008

If other typographic elements have to be there, but they aren't really that important to the general reading public, make them small. Who cares what the volume number is? If someone does care, it can still be read. It's okay not to set it in 12-point type!

A contrast of size does not always mean you must make the type large—it just means there should be a contrast. For instance, when you see a small line of type alone on a large newspaper page, you are compelled to read it, right? An important part of what compells you is the contrast of very small type on that large page.



If you came across this full page
in a newspaper, would you read
that small type in the middle?
Contrast does that.

Rainfish

I N C O R P O R A T E D

Sometimes the contrast of big over little can be overwhelming, overpowering the smaller type. Use that to your advantage. Who wants to notice the word "incorporated" anyway? Although it's small, it's certainly not invisible so it's there for those who need it.

I recommend over and over again not to use all caps. You probably use all caps sometimes to make the type larger, yes? Ironically, when type is set in all caps it can be up to twice as long as the same words set in lowercase, so you have to make the point size smaller. If you make the text lowercase, you can actually set it in a much larger point size, plus it's more readable.

MERMAID TAVERN

*Bread and Friday Streets
Cheapside • London*

This title is in 18-point type. That's the largest size I can use in this space with all caps.

Mermaid Tavern

*Bread and Friday Streets
Cheapside • London*

By making the title lowercase, I could enlarge it to 24-point type, plus still have room to make it heavier.

Use a contrast of size in unusual and provocative ways. Many of our typographic symbols, such as numbers, ampersands, or quotation marks, are very beautiful when set extremely large. Use them as decorative elements in a headline or a pull quote, or as repetitive elements throughout a publication.



An unusual contrast of size can become a graphic element in itself—handy if you are limited in the graphics available for a project.

Travel Tips

- 1** Take twice as much money as you think you're going to need.
- 2** Take half as much clothing as you think you're going to need.
- 3** Don't even bother taking all the addresses of the people who expect you to write.

If you use an item in an unusual size, see if you can repeat that concept elsewhere in the publication to create an attractive and useful repetition.

Weight

In which category of type does this face belong?

The weight of a typeface refers to the thickness of the strokes. Most type families are designed in a variety of weights: regular, bold, perhaps semibold, extra bold, or light. When combining weights, remember the rule: *don't be a wimp*. Don't contrast the regular weight with a semibold—go for the stronger bold. If you are combining type from two different families, one face will usually be bolder than the other—so emphasize it.

None of the typefaces that come standard with your personal computer have a very strong bold in its family. I heartily encourage you to invest in at least one very strong, black face. Look through type catalogs to find one. A contrast of weight is one of the easiest and most effective ways to add visual interest to a page without redesigning a thing, but you will never be able to get that beautiful, strong contrast unless you have a typeface with big, solid strokes.

Formata Light
Formata Regular
Formata Medium
Formata Bold

Memphis Light
Memphis Medium
Memphis Bold
Memphis Extra Bold

Garamond Light
Garamond Book
Garamond Bold
Garamond Ultra

These are examples of the various weights that usually come within a family. Notice there is not much contrast of weight between the light and the next weight (variously called regular, medium, or book).

Nor is there a strong contrast between the semibold weights and the bolds. If you are going to contrast with weight, don't be a wimp. If the contrast is not strong, it will look like a mistake.

ANOTHER NEWSLETTER

Headline

Lorem ipsum dolor sit amet, consectetur adipisciing elit, diam nonummy diam nonummy tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam quis nostrum exercitationem ullamcorper suscipit labores nisi ut aliquip ex ea commodo consequat.

Another Headline

Duis autem vel eum iriit dolor in reprehenderit in voluptate velit est. Maecenas non consequat, vel illum dolore eu gelat nulla parata. At vero eos et accusamus et iusto odio dicuntur qui blanditiis praesentium voluptatum delicto agit dolor in.

Molestias excepturi sint occaecati cupiditate non provident, similique sunt.

Sit in culpa qui officia deserunt aliquam est voluptate. Lorem ipsum dolor sit amet, consetetur adipisciing elit, diam nonummy eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam quis nostrum exercitationem ullamcorper suscipit labores nisi ut aliquip ex ea commodo consequat.

First subhead

Et dolore magna aliquam erat volupat. At enim ad minim veniam quis nostrum exercitationem ullamcorper suscipit labores nisi ut aliquip ex ea commodo consequat.

Duis autem vel eum iriit dolor in reprehenderit in voluptate velit esse molestiae non consequatur, vel illum dolore eu gelat nulla parata. At vero eos et accusamus et iusto odio dicuntur qui blanditiis praesentium voluptatum delicto agit dolor in.

Maecenas excepturi sint occaecati cupiditate non provident, similique sunt.

Another Newsletter

Headline

Lorem ipsum dolor sit amet, consetetur adipisciing elit, diam nonummy eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam quis nostrum exercitationem ullamcorper suscipit labores nisi ut aliquip ex ea commodo consequat.

First subhead

Et dolore magna aliquam erat volupat. At enim ad minim veniam quis nostrum exercitationem ullamcorper suscipit labores nisi ut aliquip ex ea commodo consequat.

Duis autem vel eum iriit dolor in reprehenderit in voluptate velit esse molestiae non consequatur, vel illum dolore eu gelat nulla parata. At vero eos et accusamus et iusto odio dicuntur qui blanditiis praesentium voluptatum delicto agit dolor in.

Maecenas excepturi sint occaecati cupiditate non provident, similique sunt.

Remember these examples in the first part of the book? On the left, I used the fonts that come with the computer; the headlines are Helvetica Bold, the body copy is Times Regular. On the right, the body copy is still Times Regular, but I used a heavier (stronger weight) typeface for the headlines (Aachen Bold). With just that simple change—a heavier weight for contrast—the page is much more inviting to read. (The title is also heavier, and is reversed out of a black box, adding contrast.)

Mermaid Tavern

Bread and Friday Streets
Cheapside • London

Remember this example from the previous page? By setting the company name in lowercase instead of all caps, I could not only make the type size larger, but I could make it heavier as well, thus adding more contrast and visual interest to the card. The heavier weight also gives the card a stronger focus.

Not only does a contrast of weight make a page more attractive to your eyes, it is one of the most effective ways of organizing information. You do this already when you make your newsletter headlines and subheads bolder. So take that idea and push it a little harder. Take a look at the table of contents below; notice how you instantly understand the hierarchy of information when key heads or phrases are very bold. This technique is also useful in an index; it enables the reader to tell at a glance whether an index entry is a first-level or a second-level entry, thus eliminating the confusion that often arises when you're trying to look up something alphabetically. Look at the index in this book (or in any of my books).

Contents

Introduction	9
Furry Tells	17
Ladle Rat Rotten Hut	19
Guilty Looks	21
Center Alley	27
Noisier Rams	33
Marry Hatter Ladle Limb	35
Sinker Sucker Socks Pants	37
Effervescent	39
Oiled Mudder Harbored	40
Fey-Mouse Tells	41
Casing Adder Bet	43
Violate Huskings	47
Lath Thing Thongs!	57
Fryer Jerker	58
Hormone Derange	59

Contents

Introduction	9
Furry Tells	17
Ladle Rat Rotten Hut	19
Guilty Looks	21
Center Alley	27
Noisier Rams	33
Marry Hatter Ladle Limb	35
Sinker Sucker Socks Pants	37
Effervescent	39
Oiled Mudder Harbored	40
Fey-Mouse Tells	41
Casing Adder Bet	43
Violate Huskings	47
Lath Thing Thongs!	57
Fryer Jerker	58
Hormone Derange	59

By making the chapter headings bolder, the important information is available at a glance, and there is also a stronger attraction for my eye. Plus it sets up a repetition (one of the four main principles of design, remember?). I also added a tiny bit of space **above** each bold heading so the headings would be grouped more clearly with their subheadings (principle of proximity, remember?).

If you have a very gray page and no room to add graphics or to pull out quotes and set them as graphics, try setting key phrases in a strong bold. They will pull the reader into the page. (If you use a bold sans serif within serif body copy, you will probably have to make the bold sans serif a point size smaller to make it appear to be the same size as the serif body copy.)

Wants pawn term
dare worsened ladle
gull hoe lift wetter
murder inner ladle
cordage honor itch
offer lodge, dock,
florist. Disk ladle
gull orphan worry
punty ladle rat clock
wymur ladle rat hat,
an fur disk raisin
pimple colder Ladle
Rat Rotten Hat.

Was moaning Ladle
Rat Rotten Hat's
murder colder inset.
"Ladle Rat Rotten
Hat, heresy ladle
basking winsome
burden harter an
shinker cockles. Tick
disk ladle basking
tutor cordage offer
groin-murder hoe
lifts honor ilder sit
offer florist. Shaker
lade! Dun stopper
laundry wrote!
Dun stopper peck

floors? Dun daily-dolly
dolly in ner florist;
an yonder-not
sorghum-stenches;
dan stopper torque
wet no strainer?"
"Hoe-cake,murder."
resplendent Ladle
Rat Rotten Hat, and
stuttered oft.
Honor wrote tu-
tor cordage offer
groin-murder, La-
dle Rat Rotten Hat
mittens anomalous
woof. "Wail, wail,
wail," set disk
wicket woof, "Ev-
anescent Ladle Ra-
tten Hat! Wares
are punty ladle gull
going wizard cued
ladle basking?"
Inner flesh, disk
abdominal woof
lipped honor bet,
paunched honor
pore oil worming-
any garbled erupt.
Grammar's seeking
ammunition pot honer

burden harter an
shinker cockles."
"O hoel! Heifer
grats woke," settier
wicket woof, butter
taught tomb shelf;
"Oil tickle shirt
court tote cordage
offer groin-murder,
Oil ketchup wetter
letter, and den—O
bore?"
Soda wicket woof
tucker shirt court,
an whitney retched a
cordage offer groin-
murder, picked
inner window, an
sore debitor pore oil
worming worse lion
inner bet.
"Hoe-cake, murder."
resplendent Ladle
Rat Rotten Hat, and
stuttered oft.
Honor wrote tu-
tor cordage offer
groin-murder, La-
dle Rat Rotten Hat
mittens anomalous
woof. "Wail,
wail, wail," set disk
wicket woof, "Ev-
anescent Ladle Ra-
tten Hat! Wares
are punty ladle gull
going wizard cued
ladle basking?"
"Amroe clay fortane
going tumor oiled
groin-murder's,"
reprisal ladle gull.
Grammar's seeking
ammunition pot honer

stopper peck floors!
Dun daily-dolly
dolly in ner florist;
inner florist, an
yonder-not sorghum-
stenches, dan stop-
per torque wet no
strainer?"
"Hoe-cake,murder."
resplendent Ladle
Rat Rotten Hat, and
stuttered oft.
Honor wrote tu-
tor cordage offer
groin-murder, Oil
ketchup wetter letter,
and den—O boce!"
Soda wicket woof
tucker shirt court,
an whitney retched a
cordage offer groin-
murder, picked
inner window, an
sore debitor pore oil
worming worse lion
inner bet.
Inner flesh, disk
abdominal woof
lipped honor bet,
paunched honor
pore oil worming,
any garbled erupt.
Dun disk ratchet

A completely gray page may discourage a casual reader from perusing the story. With the contrast of bold type, the reader can scan key points and is more likely to delve into the information.

Structure

In which category does this typeface belong?

The structure of a typeface refers to how it is built. Imagine that you were to build a typeface out of material you have in your garage. Some faces are built very monoweight, with almost no discernible weight shift in the strokes, as if you had built them out of tubing (like most sans serifs). Others are built with great emphasis on the thick/thin transitions, like picket fences (the moderns). And others are built in-between. If you are combining type from two different families, *use two families with different structures.*

Remember wading through all that stuff earlier in this section about the different categories of type? Well, this is where it comes in handy. Each of the categories is founded on similar *structures*. So you are well on your way to a type solution if you choose two or more faces from two or more categories.

Ode	Ode	Ode
Ode	Ode	Ode
Ode	Ode	Ode
Ode	Ode	Ode

Little Quiz:
Can you name each of the typeface categories represented here (one category per line)?

If not, re-read that section because this simple concept is very important.

Structure refers to how a letter is built, and as you can see in these examples, the structure within each category is quite distinctive.

Major Rule: Never put two typefaces from the same category on the same page. There's no way you can get around their similarities. And besides, you have so many other choices—why make life difficult?

Did you read *The Mac is not a typewriter* or *The PC is not a typewriter*? (If you haven't, you should.) In that book I state you should never put two sans serif typefaces on the same page, and you should never put two serif typefaces on the same page—*until you have had some typographic training*. Well, this is your typographic training—you are now qualified and licensed to put two sans serifs or two serifs on the same page.

The law is, though, that you must pull two faces from two different categories of type. That is, you can use two serifs as long as one is an oldstyle and the other is a modern or a slab serif. Even then you must be careful and you must emphasize the contrasts, but it *is* perfectly possible to make it work.

Along the same line, avoid setting two oldstyles on the same page—they have too many similarities and are guaranteed to conflict no matter what you do. Avoid setting two moderns, or two slabs, for the same reason. Avoid using two scripts on the same page.

**You can't let
the seeds
stop you
from enjoying
the watermelon.**

There are five different typefaces in this one little quote. They don't look too bad together because of one thing: they each have a different structure; they are each from a different category of type.

At first, different typefaces seem as indistinguishable as tigers in the zoo. So if you are new to the idea that one font looks different from another, an easy way to choose contrasting structures is to pick one serif font and one sans serif font. Serif fonts generally have a thick/thin contrast in their structures; sans serifs generally are monoweight. Combining serif with sans serif is a time-tested combination with an infinite variety of possibilities. But as you can see in the first example below, the contrast of structure alone is not strong enough; you need to emphasize the difference by combining it with other contrasts, such as size or weight.

sans serif—monoweight
vs. serif—thick/thin
20 pt
20 pt

You can see that the contrast of structure alone is not enough to contrast type effectively.

sans serif vs. monoweight
serif—thick/thin
8 pt
50 pt

But when you add the element of size—voilà! Contrast!

Oiled Mudder Harbored

Oiled Mudder Harbored
Wen tutor cardboard
Toe garter pore darker born.
Bud wenchy gut dare
Door cardboard worse bar
An soda pore dark hat known.

As the example above shows, the combination of typefaces with two different structures is not enough. It's still weak—the differences must be emphasized.

Oiled Mudder Harbored

Oiled Mudder Harbored
Wen tutor cardboard
Toe garter pore darker born.
Bud wenchy gut dare
Door cardboard worse bar
An soda pore dark hat known.

See how much better this looks! Adding weight to the title highlights the difference in the structure of the two typefaces—and strengthens the contrast between the two.

Setting two sans serifs on one page is always difficult because there is only one structure—monoweight. If you are extraordinarily clever, you might be able to pull off setting two sans serifs if you use one of the rare ones with a thick/thin transition in its strokes, but I don't recommend even trying it. Rather than try to combine two sans serifs, build contrast in other ways using different members of the same sans serif family. The sans serif families usually have nice collections of light weights to very heavy weights, and often include a compressed or extended version (see pages 160–163 about contrast of direction).

Your
attitude
is your

LIFE

Look—two serifs together!
But notice each face has
a different **structure**,
one from the modern
category and one from
the slab serif.

I also added other
contrasts—can you
name them?

MAXIMIZE

*your options,
she said with a smile.*

Here are two sans serifs
together, but notice I combined
a monoweight sans with one
of the few sans serifs that has
a thick/thin transition in its
letterforms, giving it a different
structure. I also maximized
the contrasts by using all caps,
larger size, bold, and roman.

SOUP to nuts

And here are three sans serifs working
well together. But these three are
from the same family, Universe: Ultra
Condensed, Bold, and Extra Black.
This is why it's good to own at least
one sans serif family that has lots of
different family members. Emphasize
their contrasts!

Form

In which category
of type does this
face belong?

The form of a letter refers to its shape. Characters may have the same structure, but different “forms.” For instance, a capital letter “G” has the same *structure* as a lowercase letter “g” in the same family. But their actual *forms*, or shapes, are very different from each other. An easy way to think of a contrast of form is to think of caps versus lowercase.

G g

A a

B b

H h

E e

The forms of each of these capital letters are distinctly different from the forms, or shapes, of the lowercase letters. So caps versus lowercase is another way to contrast type. This is something you've probably been doing already, but now, being more conscious of it, you can take greater advantage of its potential for contrast.

In addition to each individual capital letterform being different from its lowercase form, the form of the entire all-cap word is also different. This is what makes all caps so difficult to read. We recognize words not only by their letters, but by their forms, the shapes of the entire words. All words that are set in capital letters have a similar rectangular form, as shown below, and we are forced to read the words letter by letter.

You're probably tired of hearing me recommend not using all caps. I don't mean *never* use all caps. All caps are not *impossible* to read, obviously. Just be conscious of their reduced legibility and readability. Sometimes you can argue that the design "look" of your piece justifies the use of all caps, and that's okay! You must also accept, however, that the words are not as easy to read. If you can consciously state that the lower readability is worth the design look, then go ahead and use all caps.

giraffe

turtle

GIRAFFE

TURTLE

Every word in all caps has the same form: rectangular.

The best remedy for a bruised heart is not, as so many seem to think, repose upon a manly bosom. Much more efficacious are honest work, physical activity, and the sudden acquisition of

WEALTH.

Dorothy L. Sayers

Caps versus lowercase (contrast of form) usually needs strengthening with other contrasts. Size is the only other contrast added in this example.

Another clear contrast of form is roman versus italic. Roman, in any typeface, simply means that the type stands straight up and down, as opposed to italic or script, where the type is slanted and/or flowing. Setting a word or phrase in italic to gently emphasize it is a familiar concept that you already use regularly.

G g nerdette

G g nerdette

The first line is roman type; the second line is italic. They are both Nofret; their structures are exactly the same, but their forms (shapes) are different.

Be far flung away

Be far flung away

Particularly notice that “true-drawn” italic (first line) is not simply slanted roman (second line). The letterforms have actually been redrawn into different shapes. Look carefully at the differences between the f, a, g, y, and e (both lines use the same font).

Be far flung away

Be far flung away

Sans serif faces usually (not always) have “oblique” versions, which look like the letters are just tilted. Their roman and oblique forms are not so very different from each other.

“Yes, oh, yes,” she chirped.

“Yes, oh, yes,” she chirped.

Which of these two sentences contains a word in fake italic?

Since all scripts and italics have a slanted and/or flowing form, it is important to remember never to combine two different italic fonts, or two different scripts, or an italic with a script. Doing so will invariably create a conflict—there are too many similarities.

Work Hard
There is no shortcut.

So what do you think about these two typefaces together? Is something wrong? Does it make you twitch? One of the problems with this combination is that both faces have the same form—they both have a cursive, flowing form. One of the fonts has to change. To what? (Think about it.)

Yes—one face has to change to some sort of roman. While we're changing it, we might as well make the **structure** of the new typeface very different also, instead of one with a thick/thin contrast. And we can make it heavier as well.

Work Hard
there is no shortcut

in
cate
type do
face be

Direction

An obvious interpretation of type "direction" is type on a slant. Since this is so obvious, the only thing I want to say is don't do it. Well, you might want to do it sometimes, but only do it if you can state in words why this type must be on a slant, why it enhances the aesthetics or communication of the piece. For instance, perhaps you can say, "This notice about the boat race really should go at an angle up to the right because that particular angle creates a positive, forward energy on the page." Or, "The repetition of this angled type creates a staccato effect which emphasizes the energy of the Bartok composition we are announcing." And please, never fill the corners with angled type.

TO THE TOP!

Type slanting upward to the right creates a positive energy. Type slanting downward creates a negative energy. Occasionally you can use these connotations to your advantage.

anotherday**newsletter**

Long headline spanning both

Latin ipsum dolor sit amet, consectetur adipis cing elit, diam accumsan viverra tempor incident ut labore et dolore magna aliqua erat volup. At enim ad minim veniam quis nostrud ex exercitatione of- fiantemque sas eripit laboris nisi ut aliquip ex ea commodo conseque.

Subhead

Duis autei et nonnulla dolere in reprehendunt ea volo pisse veli esse motuata non con- ceperat, vel libato dolore ex gemitu nulla peritur. At vero non et accusam et justo odio dicoemus qui blanditi praesent laudem defensit ai que dant

dolor in. Molitatis exceptur sim occurrer capidit non pre- videt, nesciit perire. Sim in culpa qui officia des erint aliquip erat volup. Latin ipsum dolor sit amet, conse- tetur alip wing elit, conse- nus nonnum claudet tunc per inicium ut labore.

Second interesting headline

Et dolore magna aliqua erat volup. At enim ad minim veniam quis non contradoverci- ratione utla mperior sas eripit laboris nisi ut aliquip ex ea commodo conseque.

Duis autei et nonnulla dolore in reph rehend erit in

VOLVITATE VELUT DILEM, inquit, si te non convequit, vel illam dolore ex gratia nulla peritur. At vero non et accusam et justo odio divisione qui blanditi pisse veli esse motuata non con- ceperat, vel libato dolore ex gemitu nulla peritur. At vero non et accusam et justo odio divisione qui blanditi praesent laudem defensit ai que dant

Sometimes a strong re-direction of type creates a dramatic impact or a unique format—which is a good justification for its use.

But there is another interpretation of direction. Every element of type has a direction, even though it may run straight across the page. A *line* of type has a horizontal direction. A tall, thin *column* of type has a vertical direction. It is these more sophisticated directional movements of type that are fun and interesting to contrast. For instance, a double-page spread with a bold headline running across the two pages and the body copy in a series of tall, thin columns creates an interesting contrast of direction.

Experience

teaches
you to
recognize
a mistake—
when
you've
made it
again.

If you have a layout that has the potential for a contrast of direction, emphasize it. Perhaps use an extended typeface in the horizontal direction, and a tall typeface in the vertical direction. Emphasize the vertical by adding extra linespace, if appropriate, and narrower columns than you perhaps originally planned on.



You can involve other parts of your layout in the contrast of type direction, such as graphics or lines, to emphasize or contrast the direction.

S T A F F A N D F A C U L T Y

Lore ipsum dolor sit amet fur gravenstein, pro lipsum dictrep amesterpan et pliscudd, tak dropreim em.

 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.
 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.
 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.	 Staff name and bio. A little bit about a life.

Long horizontals and tall, thin columns can be combined in an endless variety of elegant layouts. Alignment is a key factor here—strong visual alignments will emphasize and strengthen the contrasts of direction.



In this example, the direction of the text provides a counterbalance to the big fat image—even though the text itself is too lightweight to ever provide balance on its own.

Hair care
for the
discerning
feline

25 Fox Lane,
Bushlawn

In the example below, there is a nice, strong contrast of direction. But what other contrasts have also been employed to strengthen the piece? There are three different typefaces in that arrangement—*why* do they work together?

Also notice the texture that is created from the structures of the various typefaces, their linespacing, their letterspacing, their weight, their size, their form. If the letters were all raised and you could run your fingers over them, each contrast of type would also give you a contrast of texture—you can “feel” this texture visually. This is a subtle, yet important, part of type. Various textures will occur automatically as you employ other contrasts, but it’s good to be conscious of texture and its affect.

MARY SIDNEY COUNTESS OF PEMBROKE

**IF IT'S BEEN
SAID IN
ENGLISH,
MARY SIDNEY
SAID IT BETTER.**

Ay me, to whom shall I my case complain that may compassion my impatinent grief? Or where shall I unfold my inward pain, that my envenit heart may find relief?

To heaven? Ah they alas the authors were, and workers of my unremedied woe: for they foresee what to us happens here, and they foresaw, yet suffered, this to be so.

To men? Ah, they alas like wretched be, and subject to the heavens ordinance: bound to abide what ever they deserve, their best redress is their best sufferance.

Then to my self will I my sorrow mourn, since none alive like sorrowful remains, and to my self my plaints shall back return, to pay their usury with dimbled pains.

Spend a few minutes to put into words why these three typefaces work together.

If you choose a modern in all caps for the headline, what would be a logical choice for body text?

If you had, instead, chosen a modern typeface for the short quote, what would then be a logical choice for the headline?

Color

In which category of type does this face belong?

Color is another term, like direction, with obvious interpretations. The only thing I want to mention about using actual colors is to keep in mind that warm colors (reds, oranges) come forward and command our attention. Our eyes are very attracted to warm colors, so it takes very little red to create a contrast. Cool colors (blues, greens), on the other hand, recede from our eyes. You can get away with larger areas of a cool color; in fact, you *need* more of a cool color to create an effective contrast.

(This book, obviously, is only black and white, so you're going to have to fake it on this page. But "real" color is not the point of this section anyway.)

Scarlett
FLORENCE

With a pen, color "Scarlett" red. Notice that even though the name "Scarlett" is much smaller, it is dominant because of the warm color.

Scarlett
FLORENCE

Color "Florence" red. Now the larger name in the warm color overpowers the smaller name. You usually want to avoid this.

Scarlett
FLORENCE

Color "Scarlett" light blue. Notice how it almost disappears.

Scarlett
FLORENCE

Color "Florence" light blue. To contrast with a cool color effectively, you generally need to use more of it.

But typographers have always referred to black-and-white type on a page as having "color." It's easy to create contrast with "colorful" colors; it takes a more sophisticated eye to see and take advantage of the color contrasts in black-and-white.

Just as the voice adds emphasis to important words, so can type:
**it shouts or whispers
by variation of size.**

Just as the pitch of the voice adds interest to the words, so can type:
**it modulates by lightness
or darkness.**

Just as the voice adds color to the words by inflection, so can type:
**it defines elegance,
dignity, toughness
by choice of face.**

Jan V. White

In this quote, you can easily see different "colors" in the black and white text.

"Color" is created by such variances as the weight of the letterforms, the structure, the form, the space inside the letters, the space between the letters, the space between the lines, the size of the type, or the size of the x-height. Even within one typeface, you can create different colors.

A light, airy typeface with lots of letterspacing and linespacing creates a very light color (and texture). A bold sans serif, tightly packed, creates a dark color (with a different texture). This is a particularly useful contrast to employ on those text-heavy pages where there are no graphics.

A gray, text-only page can be very dull to look at and uninviting to read. It can also create confusion: in the example below, are these two stories related to each other?

Ladle Rat Rotten Hut

Want pawn term dare weeted ladle
gull hoe lift wettter marder inner ladle
cordage honor itch offer ledge dock,
floris. Disk ladle gull orphan worry
Putty ladle rat clock writer ladle rat hut,
an for disk rannin purple colder Ladle Bat
Rotten Hut.

Wat running Ladle Bat Rotten Hut's
murder colder inset. "Ladle Rat Rotten
Hut, heresy ladle basking winsome
burden barter an shicker cockles. Tick
disk ladle basking tutor cordage offer
grain-murder hoe lifts honorudder site
offer florist. Shaker lake! Dun stopper
laundry wrote Dun stopper peck floors!
Dun daily-daily innen floral, an yonder
nor sorghum-stanches, dun stopper
torque wet strainers!"

"Hoe-cake, murdes," respondent Ladle
Rat Rotten Hut, an tickle ladle basking
an stuttert oft. Honor wrote tuim
cordage offer grain-murder, Ladle Rat
Rotten Hut mittens anomalous wool.

"Wad, wall, wall!" set disk wicket
woof, "Evalement Ladle Bat Rotten Hut!"
Wares are putty ladle gull going wizard
ladle basking?"

"Armen going tumor grain-murder's,"
reprisal ladle gull. "Grammar's seeking
bet. Armen tickling arson burden barter
an shicker cockles."

"O hor! Heifer gnats wook," settler
wicket woof, butter taugh tombs shelf,
"Oil tickle shirt court tutor cordage
offer grain-murder. Oil ketchup wetter
letter, an des—O bore!"

Soda wicket woof tucker shirt court,
an whisky retched a cordage offer

grain-murder, picked inner windrow, an
sure debor pore oil worming weese loose
inner bet, inner flesh, disk abdominal
woof lipped honor bet, puunched honor
pore of worming, an garbled erupt.
Des disk ratchet ammonol pot honor
grain-murder's nut cup an gnar-gus, any
curlled ope inner bet.

Inner ladle will Ladle Rat Rotten Hut
a raft attar cordage, an ranker dough
ball. "Comb isik, sweat hard," settler
wicket woof, disgracing is verse. Ladle
Rat Rotten Hut entity bet rum, an stud
boys grain-murder's bet.

"O, Grammar!" crater ladle gull
hiatusically. "Water bag icer gut! A
nervous sausage bag ice!"

"Battered lucky chee whiff, sweat
hard," settler bloot Thursday wood, wettter
wicket small honors phase.

"O, Grammar, water bag none!
A nervous sore suture anomalous
prognosis!"

"Battered small your whiff, doing."
whiskered dole woof, ants mouse worse
waddling.

"O Grammar, water bag mouse gut!
A nervous sore suture bag mouse!"

Daze worry no-finger-nut ladle gull's
lent warts. Oil offer sodden, caking offer
carvers an sprinkling otter bet, disk
board-hoarded woof tipped own pore
Ladle Rat Rotten Hut an garbled erupt.

Mural: Yonder nor sorghum stanches
shut ladle gulls stopper torque wet
strainers.

—H. Chace
Anguish Language

Old Singleton

. . . Singleton stood at the door with
his face to the light and his back to
the darkness. And alone in the dim
emptiness of the sleeping forecastle he
appeared bigger, colossal, very old; old
as Father Time himself, who should have
come there into this place as quiet as a
sepulcher to contemplate with patient eyes
the short victory of sleep, the consolers. Yet
he was only a child of time, a lonely relic
of a devoted and forgotten generation.
He stood, still strong, as ever unshaking;
a ready man with a vast empty past and
with no future, with his childlike impulses
and his man's passions already dead within
his tattooed breast.

—Joseph Conrad

This is a typical page in a newsletter or other publication. The monotonous gray does not attract your eye; there's no enticement to dive in and read.

If you add some "color" to your heads and subheads with a stronger weight, or perhaps set a quote, passage, or short story in an obviously different "color," then readers are more likely to stop on the page and actually read it. And that's our point, right?

Besides making the page more inviting to read, this change in color also helps organize the information. In the example below, it is now clearer that there are two separate stories on the page.

Ladle Rat Rotten Hut

Wants pawn term dare worsted ladle
gulf how lift wetter murder inner ladle
cordage honor ioch offer lodge, dock,
floris. Disk ladle gulf orphan worry
Punty ladle rat clock wetter ladle rat hut,
an fer disk musin pimple colder Ladle Rat
Rotten Hut.

Wan moaning Ladle Rat Rotten Hut's
murder colder inset. "Ladle Rat Rotten
Hut, hereby ladle basking winsome
burden barker an shirker cockles. Tick
disk ladle basking tutor cordage offer
groin-murder how lifts honor udder site
offer flocus. Shaker lake! Dan stopped
laundry worse! Dan stopper peck floral!
Dan daily-daily inner florist, an yonder
our sorghum-stanchies, dust stopper
soothe wet straws!"

"Hoe-cake, murder," resplendent Ladle
Rat Rotten Hut, an tickle ladle basking an
starched off. Honor write tutor cordage
offer groin-murder. Ladle Rat Rotten Hut
mittens anomalous weed.

"Wail, wail, wail!" set disk wicket wool,
"Exanescent Ladle Rat Rotten Hut! Wares
are putty ladle gulf going wizard ladle
basking?"

"Armur going tumor groin-murder,"
repeated ladle gulf. "Gexnumar's seeking
heit. Armor ticking awon burden barker
an shirker cockles."

"O hot! Heifer goats wuke," settler
wicket wool, butter taught tomb shelf.
"Oil ticks shirt court tutor cordage offer
groin-murder. Oil ketchup wetter letter,
an den—O horé!"

Soda wicket wool tucker shirt court,
an whiny retched a cordage offer

groin-murder, picked inner windrow; an
sure debtor pore oil worming worse sum
inner het. Inner flesh; disk abdominal
wool lipped honor het, paunched honor
pore oil worming, an garbled erupt.
Den disk ratchet ammonol pot honor
groin-murder's nut cup an gnat-gus, any
cuddled ope inner set.

Inner ladle wife, Ladle Rat Rotten Hat
a raft attar cordago, an ranker dough ball,
"Comb ink, sweat hard," settler wicket
wool, disgracing is verse. Ladle Rat
Rotten Hut entry but rum, an stud buyer
groin-murder's het.

"O Grammat!" crater ladle gulf
historically. "Water bag icier gut! A
nervous sausage bag lot!"

"Battered lucky chew whiff, sweat
hard," settler blast-thursday wool, witter
wicket small honor phase.

"O, Grammar, water bag noise!
A nervous sore nature anomalous
prognosis!"

"Battered small your whiff, doing;
whiskered dole wool, ants mousie worse
waddling.

"O Grammat, water bag mouser gut!
A nervous sore nature bag mouse!"

Daze worry oil-forger-settler ladle gulf's
last warts. Oil offer sodden, caking
offer carvers as sprinkling other het, disk
head-hoarded wool lipped own pore
Ladle Rat Rotten Hut an garbled erupt.

Moral: Yonder our sorghum
stanches about ladle gulf's stopper
torque wet straws.

—H. Chase, *Anguish Linguist*

Old Singleton

... Singleton stood at the
door with his face to the light
and his back to the darkness.
And alone in the dim emptiness
of the sleeping forecastle he
appeared bigger, colossal, very
old; old as Father Time himself,
who should have come there
into this place as quiet as a
sepulcher to contemplate with
patient eyes the short victory
of sleep, the consoler. Yet he
was only a child of time, a
lonely relic of a devoured and
forgotten generation. He stood,
still strong, as ever unthinking;
a ready man with a vast empty
past and with no future, with his
childlike impulses and his man's
passions already dead within his
tattooed breast. —Joseph Conrad

This is the same layout, but with added "color." Also, look again at many of the other examples in this book and you'll often see contrasting typefaces that create variations in color.

Below, notice how you can change the color in one typeface, one size, with minor adjustments.

Center Alley worse jester pore ladle
gull hoe lift wetter stop-murder an
toe heft-cisterns. Daze worming war
furry wicket an shellfish parsons,
spatially dole stop-murder, hoe dint
lack Center Alley an, infect, word
orphan traitor pore gull mar lichen

9 point Warnock Light, 10.6 leading.

Center Alley worse jester pore
ladle gull hoe lift wetter stop-
murder an toe heft-cisterns.
Daze worming war furry wicket
an shellfish parsons, spatially
dole stop-murder, hoe dint lack

9 point Warnock Light, 13 leading,
extra letterspacing. Notice it has a
lighter color than the example above due
to the extra space between the lines and
the letters.

*Center Alley worse jester pore
ladle gull hoe lift wetter stop-
murder an toe heft-cisterns. Daze
worming war furry wicket an
shellfish parsons, spatially dole
stop-murder, hoe dint lack Center*

9 point Warnock Light Italic, 13 leading,
extra letterspacing. This is exactly the
same as the one above, except italic.
It has a different color and texture.

Center Alley worse jester pore ladle
gull hoe lift wetter stop-murder an
toe heft-cisterns. Daze worming war
furry wicket an shellfish parsons,
spatially dole stop-murder, hoe dint
lack Center Alley an, infect, word

9 point Warnock Regular, 10.6 leading.
This is exactly the same as the first
example, except it is the regular
version of the font, not the light.

**Center Alley worse jester pore
ladle gull hoe lift wetter stop-
murder an toe heft-cisterns.
Daze worming war furry wicket
an shellfish parsons, spatially
dole stop-murder, hoe dint lack**

9 point Warnock Bold, 10.6 leading.
This is exactly the same as the first
example, except it is the bold version,
not the light.

Below you see just plain examples of typeface color, without any of the extra little manipulations you can use to change the type's natural color. Most good type books display a wide variety of typefaces in blocks of text so you can see the color and texture on the page. An excellent type specimen book from a type vendor should show you each face in a block of text for color comparisons, or you can make your own on your computer.

Center Alley worse jester pore
ladle gull hoe lift wetter stop-
murder an toe heft-cisterns.
Daze worming war furry wicket
an shellfish parsons, spatially
dole stop-murder, hoe dint lack
Center Alley an, infect, word

American Typewriter, 8/10

Center Alley worse jester pore ladle gull hoe
lift wetter stop-murder an toe heft-cisterns.
Daze worming war furry wicket an shellfish
parsons, spatially dole stop-murder, hoe dint
lack Center Alley an, infect, word orphan
traitor pore gull mar lichen ammonol dinner
hormone bang.

Bernhard Modern, 8/10

**Center Alley worse jester pore ladle
gull hoe lift wetter stop-murder an
toe heft-cisterns. Daze worming war
furry wicket an shellfish parsons,
spatially dole stop-murder, hoe dint
lack Center Alley an, infect, word
orphan traitor pore gull mar lichen
ammonol dinner hormone bang.**

Imago, 8/10

Center Alley worse jester pore ladle
gull hoe lift wetter stop-murder an
toe heft-cisterns. Daze worming war
furry wicket an shellfish parsons,
spatially dole stop-murder, hoe dint
lack Center Alley an, infect, word
orphan traitor pore gull mar lichen
ammonol dinner hormone bang.

Memphis Medium, 8/10

Center Alley worse jester pore ladle
gull hoe lift wetter stop-murder an toe
heft-cisterns. Daze worming war furry
wicket an shellfish parsons, spatially
dole stop-murder, hoe dint lack Center
Alley an, infect, word orphan traitor
pore gull mar lichen ammonol dinner
hormone bang.

Photina, 8/10

Center Alley worse jester pore
ladle gull hoe lift
wetter stop-murder an
toe heft-cisterns. Daze
worming war furry wicket
an shellfish parsons,
spatially dole stop-murder,
hoe dint lack Center Alley

Eurostile Extended, 8/10

Combine the contrasts

Don't be a wimp. Most effective type layouts take advantage of more than one of the contrasting possibilities. For instance, if you are combining two serif faces, each with a different structure, emphasize their differences by contrasting their form also: if one element is in roman letters, all caps, set the other in italic, lowercase. Contrast their size, too, and weight; perhaps even their direction. Take a look at the examples in this section again—each one uses more than one principle of contrast.

For a wide variety of examples and ideas, take a look through any good magazine. Notice that every one of the interesting type layouts depends on the contrasts. Subheads or initial caps emphasize the contrast of size with the contrast of weight; often, there is also a contrast of structure (serif vs. sans serif) and form (caps vs. lowercase) as well.

Try to verbalize what you see. *If you can put the dynamics of the relationship into words, you have power over it.* When you look at a type combination that makes you twitch because you have an instinctive sense that the faces don't work together, analyze it with words.

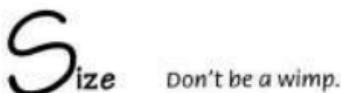
Before trying to find a better solution, you must find the problem. How effective is their contrast of weight? Size? Structure? To find the *problem*, try to name the *similarities*—not the differences. What is it about the two faces that compete with each other? Are they both all caps? Are they both typefaces with a strong thick/thin contrast in their strokes?

Or perhaps the focus conflicts—is the *larger* type a *light* weight and the *smaller* type a *bold* weight, making them fight with each other because each one is trying to be more important than the other?

Name the problem, then you can create the solution.

Summary

This is a list of the contrasts I discussed. You might want to keep this list visible for when you need a quick bang-on-the-head reminder.



Weight

Contrast heavy weights with light weights, not medium weights.

Structure

Look at how the letterforms are built—monoweight or thick/thin.



Caps versus lowercase is a contrast of form, as well as roman versus italic or script. Scripts and italics have similar forms—don't combine them.

Direction

Think more in terms of horizontal type versus tall, narrow columns of type, rather than type on a slant.

Color

Warm colors come forward; cool colors recede. Experiment with the "colors" of black text.

Little Quiz #6: Contrast or conflict

Look carefully at each of the following examples. Decide whether the type combinations **contrast** effectively, or if there is a **conflict** going on. **State why the combination of faces works** (look for the differences), **or state why it doesn't** (look for the similarities). [Ignore the words themselves—don't get wrapped up in whether the typeface is appropriate for its product, because that's another topic altogether. *Just look at the typefaces.*] If this is your book, circle the correct answers.

contrasts

conflicts

FANCY
PERFUME

contrasts

conflicts

extremely good
DOGFOOD

contrasts

conflicts

MY MOTHER

This is an essay on why my Mom will always be the greatest mother in the world. Until I turn into a teenager.

contrasts

conflicts

FUNNY FARM
Health Insurance

contrasts

conflicts

let's **DANCE** tonight

Little Quiz #7: Dos and don'ts

Rather than just give you a list of **dos** and **don'ts**, I'm going to let you decide what should and should not be done. Circle the correct answers.

- 1 Do Don't Use two scripts on the same page.
- 2 Do Don't Use two moderns, two sans serifs, two oldstyles, or two slab serifs on the same page.
- 3 Do Don't Add importance to one typographic element by making it bolder, and to another on the same page by making it bigger.
- 4 Do Don't Use a script and an italic on the same page.
- 5 Do Don't If one face is tall and slender, choose another face that is short and thick.
- 6 Do Don't If one face has strong thick/thin transitions, choose a sans serif or a slab serif.
- 7 Do Don't If you use a very fancy decorative face, find another fancy, eye-catching typeface to complement it.
- 8 Do Don't Create a type arrangement that is extremely interesting, but unreadable.
- 9 Do Don't Remember the four basic principles of design when using any type in any way.
- 10 Do Don't Break the rules, *once you can name them.*

An exercise in combining contrasts

Here is a fun exercise that is easy to do and will help fine-tune your typographic skills. All you need is tracing paper, a pen or pencil (the little colorful plastic-tip markers are great for this), and a magazine or two.

Trace any word in the magazine that appeals to you. Now find another word in the magazine that creates an effective contrast with the one you just traced. In this exercise, the words are completely irrelevant—you are looking just at letterforms. Here is an example of a combination of three faces that I traced out of a news magazine:



The first word I traced was "hawk." Once I did that, I didn't even have to look at any more sans serifs. "Rebate" has a very different form from "hawk," and I needed something small and light and with a different structure as a third face.

Trace the first word, and then make a conscious, verbal decision as to what you need to combine with that word. For instance, if the first word or phrase is some form of sans serif, you know that whatever you choose next won't be another sans serif, right? What *do* you need? Put your choices into conscious thoughts.

Try a few combinations of several words, then try some other projects, such as a report cover, a short story on one page with an interesting title, a newsletter masthead, a magazine cover, an announcement, and anything else that may be pertinent to you. Try some colored pens, also. Remember, the words don't have to make any sense at all.

The advantage of tracing from magazines is that you have an abundance of different typefaces that you probably don't have on your computer. Is this going to make you lust after more typefaces? Yes.

So, do you get it?

Is all this making sense to you? Once you see it, it seems so simple, doesn't it? It won't take long before you won't even have to think about the ways to contrast type—you will just automatically reach for the right typeface. That is, if you have the right typeface in your computer. Fonts (typefaces) are so inexpensive right now, and you really only need a few families with which to make all sorts of dynamic combinations—choose one family from each category, making sure the sans serif family you choose contains a heavy black as well as a very light weight.

And then go to it. And have fun!

The process

Where do you begin when you start to design or re-design something?

Start with the focal point. Decide what it is you want readers to see first. Unless you have chosen to create a very concordant design, create your focal point with strong contrasts.

Group your information into logical groups; decide on the relationships between these groups. Display those relationships with the closeness or lack of closeness (**proximity**) of the groups.

As you arrange the type and graphics on the page, **create and maintain strong alignments**. If you see a strong edge, such as a photograph or vertical line, strengthen it with the alignments of other text or objects.

Create a repetition, or find items that can have a repetitive connection. Use a bold typeface or a rule or a dingbat or a spatial arrangement. Take a look at what is already repeated naturally, and see if it would be appropriate to add more strength to it.

Unless you have chosen to create a concordant design, make sure you have **strong contrasts** that will attract a reader's eye. Remember—contrast is *contrast*. If *everything* on the page is big and bold and flashy, then there is no contrast! Whether it is contrasting by being bigger and bolder or by being smaller and lighter, the point is that it is different and so your eye is attracted to it.

An exercise

Open your local newspaper or telephone book yellow pages. Find any advertisement that you know is not well-designed (especially with your newly heightened visual awareness). You won't have any trouble finding several examples, I'm sure.

Take a piece of tracing paper and trace the outline of the ad (no fair making it bigger). Now, moving that piece of tracing paper around, trace other parts of the ad, but put them where they belong, giving them strong alignments, putting elements into closer proximity where appropriate, making sure the focal point is really a focal point. Change the capital letters into lowercase, make some items bolder, some smaller, some bigger, get rid of obviously useless junk.

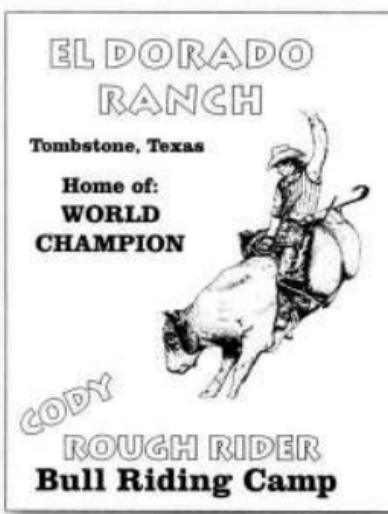
Tip: The neater you do this, the more impressive the result. If you just scratch it on, your finished piece won't look any better than the original.

(And that's a trick we always used in my graphic design classes—whenever you have a client who insists on his own dorky design and doesn't want to think seriously about your more sophisticated work, make your rendering of his design a little messy. Spill some coffee on it, let the edges get raggedy, smear the pencil around, don't line things up, etc. For the designs that you know are much better, do them brilliantly clean and neat, print them onto excellent paper, mount them onto illustration board, cover them with a protective flap, etc. Most of the time the client will think lo and behold your work really does look better than his original concept, and since he is a VIP* (which you are no longer), he won't be able to pinpoint why his doesn't look so good anymore. His impression is that yours looks better. And don't you dare tell anybody I told you this.)

*VIP: visually illiterate person

Okay—redesign this!

Here's a little poster. Not too bad—though it could use a little help. A few simple changes will make a world of difference. Its biggest problem is the lack of a strong alignment, plus there are several different elements competing for the focal point. Use tracing paper to rearrange elements, or sketch a few versions right onto this page.



Answers to quizzes

As a college teacher, all the quizzes, tests, and projects I give are "open book, open mouth." Students can always use their notes, they can use their books, they can talk with each other, they can talk with me. Having taken hundreds of college units myself, from a science major to a design major, I learned that I was much more likely to *retain* the correct information if I *wrote down* the correct information. Rather than guessing and then writing down a wrong answer, the process of finding the correct answer on a test was much more productive. So I encourage you to bounce back and forth between the quiz and the answers, to discuss them with friends, and especially to apply the questions to other designed pages you see around you. "Open eyes" is the key to becoming more visually literate. Listen to your eyes.

Answers: Quiz #1 (page 84)

Remove the border to open up space. New designers tend to put borders around everything. Stop it! Let it breathe. Don't contain it so tightly!

Proximity

The headings are too far away from their related items: *move them closer.*

There are double Returns above and below the headings: *take out all double Returns, but add a little extra space above the headings so they are more closely connected to the following material they belong with.*

Separate personal info from résumé items with a little extra space.

Alignment

Text is centered and flush left, and second lines of text return all the way to the left edge: create a strong flush left alignment—all heads align with each other, all bullets align, all text aligns, second lines of text align with first lines.

Repetition

There is already a repetition of the hyphen: strengthen that repetition by making it a more interesting bullet and using it in front of every appropriate item.

There is already a repetition in the headings: strengthen that repetition by making the headings strong and black.

The strong black impression in the bullets now repeats and reinforces the strong black in the headings.

Contrast

There isn't any: use a strong, bold face for contrast of heads, including "Résumé" (to be consistent, or repetitive); add contrast with the strong bullets.

By the way: all the numbers in the new version are a point size smaller so they don't call undue attention to themselves.

Answers: Quiz #2 (page 85)

Different typefaces: There are four different sans serifs (Helvetica, Avant Garde, Optima, and Formata Bold). There are two serif faces (Aachen Bold and New Century Schoolbook). Choose two of those: one nice strong bold (such as the Aachen Bold) and one sans serif.

Different alignments: Oh my gawd. Some elements are flush left, some are centered, some are centered in the middle of empty space, some have no connection or alignment with anything else in the world.

Strong line: The graphic image of tiles could provide a strong line against which to align other elements.

Lack of proximity: Group the information. You know what should be grouped together.

Lack of focal point: Several items are competing for attention. Choose one.

Lack of repetitive elements: How about taking those bullets and making them stronger, including the bullet between tile and linoleum. Perhaps use a square bullet, to repeat the square tile. Repeat the bold face in the large phone number, since this is a phone book ad.

Remove the border inside the border. Use square corners on the remaining border to reinforce the square corners of the tile and to keep the edges clean.

TAKE OFF THE CAPS LOCK!!!

The example on the next page is only one of many possibilities!

Ancient City

Tile and Interiors

Santa Ana's Interior Headquarters

Contractors' prices to the public
Installation available

Tile and Linoleum

Talavera

Saltillo

Monterrey

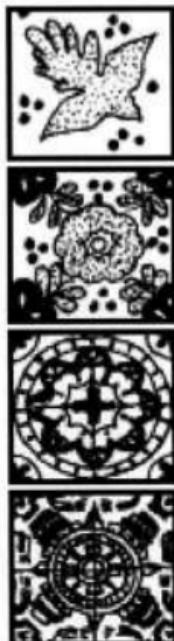
Dallas Ceramics

Aztec

Midstate

Quality marble

**Large selection of tiles
on display**



982-7219

1776 Cupertino Road
(across from high school, next to Easy Print)



Parking in rear
Monday-Friday 8:30-5
Saturday 9 A.M. to noon

Answers: Quiz #3 (page 139)

- | | |
|-------------|----------------------|
| Oldstyle: | As I remember, Adam |
| Modern: | High Society |
| Slab serif: | The enigma continues |

- | | |
|-------------|---------------------|
| Sans serif: | It's your attitude |
| Script: | Too Sassy for Words |
| Decorative: | At the Rodeo |

Answers: Quiz #4 (page 140)

- | | |
|---------|---|
| Giggle: | B |
| Jiggle: | C |
| Diggle: | A |
| Piggle: | A |
| Higgle: | C |
| Wiggle: | B |

Answers: Quiz #5 (page 141)

- | | |
|---------|---|
| Diggle: | C |
| Riggle: | A |
| Figgle: | B |
| Biggle: | D |
| Miggle: | D |
| Tiggle: | A |

Draw lines along all the edges that now align.

Answers: Quiz #6 (page 172)

- Fancy Perfume: **Conflict.** There are too many similarities: they are both all caps; they are both about the same size; they are both "frufru" typefaces (kind of fancy); they are similar in weight.
- Dogfood: **Contrast.** There is a strong contrast of size, color, form (both caps vs. lowercase and roman vs. italic), weight, and structure (although neither typeface has a definite thick/thin contrast in their strokes, the two faces are definitely built out of very different materials).
- My Mother: **Conflict.** Although there is a contrast of form in the caps vs. lowercase, there are too many other similarities that conflict. The two faces are the same size, very similar weight, the same structure, and the same roman form. This is a twitcher.
- Funny Farm: **Conflict.** There is potential here, but the differences need to be strengthened. There is a contrast of form in the caps vs. lowercase, and also in the extended face vs. the regular face. There is a slight contrast of structure in that one face has a gentle thick/thin transition and the other has monoweight, extended letters. Can you put your finger on the biggest problem? (Think a minute.) What is the focus here? "Health Insurance" is trying to be the focus by being larger, but it uses a light weight face. "Funny Farm" is trying to be the focus, even though it's smaller, by using all caps and bold. You have to decide which one is the boss and emphasize one of the concepts, either "Funny Farm" or "Health Insurance."
- Let's Dance: **Contrast.** Even though they are exactly the same size and from the same family (the Formata family), the other contrasts are strong: weight, form (roman vs. italic and caps vs. lowercase), structure (from the weight contrasts), color (though both are black, the weight of "dance" gives it a darker color).

Answers: Quiz #7 (page 173)

1. **Don't.** Two scripts will conflict with each other because they usually have the same form.
2. **Don't.** Typefaces from the same category have the same structure.
3. **Don't.** They will fight with each other. Decide what is the most important and emphasize that item.
4. **Don't.** Most scripts and italics have the same form—slanted and flowing.
5. **Do.** You instantly have a strong contrast of structure and color.
6. **Do.** You instantly have a contrast of structure and color.
7. **Don't.** Two fancy faces will usually conflict because their fancy features both compete for attention.
8. **Don't.** Your purpose in putting type on a page is usually to communicate. Never forget that.
9. **Do.**
10. **Do.** The basic law of breaking the rules is to know what the rules are in the first place. If you can justify breaking the rules—and the result works—go ahead!

Resources

There are so many resources available on all aspects of design and typography—books, magazines, web sites. The ones listed on these two pages are just the ones that I happen to know about and like, which doesn't mean others aren't just as good!

Magazines

If you like magazines to arrive in your mailbox so you can hold information in your hands, you're in luck. Every one of these magazines is great, and each of their web sites is great as well.

BEFORE & After: How to design cool stuff

www.BAmagazine.com

This is the **best** magazine for new designers. Really terrific stuff.

HOW

www.HOWdesign.com

This is more advanced design concepts; very how-to oriented.

Print

www.PrintMag.com

This is also more advanced design concepts; very how-to oriented.

Mac Design

www.MacDesignOnline.com

A Mac-specific design magazine with tips for lots of applications.

Communication Arts

www.commArts.com/CA

CA is a showcase of top designers around the world.

Web sites

There is so much available on the web to help aspiring designers. Between the two sites listed below, you will find everything you need to on the web.

GraphicDesign.about.com

Judy Litt hosts this great site with an abundance of selected links to articles, design tips for both print and web, clip art, photography, free fonts, design schools, finding a job, tutorials in design software, and much more.

VirtualLastChapter.com/

This is the web site that shows live pages of the sites John and I show in the *Web Design Workshop* book. Click "Resource Links" to find links to type foundries, clip art, and more.

Design

Rather than give you a lengthy list of books, this is the web site for the Graphic Design Book Club. There you will have access to every book in the field, from recent publications to great classics.

www.GraphicDesignBookClub.com

Robin Williams Design Workshop

Robin Williams and John Tollett, Peachpit Press

When you're finished with *The Non-Designer's Design Book* and want more, check out this book.

Editing by Design

Jan V. White, R.R. Bowker Company

This classic should be a standard in your design library. Includes a wonderful discussion and examples of grid theory.

Typography

Design with Type

Carl Dair, University of Toronto Press

A classic, brilliant book on typography, particularly focusing on contrasting type.

Stop Stealing Sheep & find out how type works, second edition

Erik Spiekermann & E.M. Ginger, Adobe Press

Another brilliant and very contemporary book on typography.

The Mac is not a typewriter, second edition; or The PC is not a typewriter

Robin Williams, Peachpit Press

Basic primer on switching from typewriter skills to professional typographic standards.

The Non-Designer's Type Book

Robin Williams, Peachpit Press

More advanced typographic concepts than appear in *The Mac/PC is not a typewriter*, but specifically written for aspiring designers. This book is cross-platform.

Ideas and concepts

How to Get Ideas

Jack Foster; illustrations by Larry Corby. Berrett-Koehler Publishers.

I love this book.

Typefaces in this book

There are over two hundred fonts, or typefaces, in this book. Now, when someone (especially a font vendor) tells you there are "a certain number" of fonts, they are including all the variations of one font—the regular version is a font, the italic is another, the bold is another, etc. Since you are (or were) a non-designer, I thought you might be interested in knowing exactly which fonts were used in this book. I also thought about telling you the page numbers where you'd find each font, but I do think the process of identifying them is a valuable process—it forces you to look very closely at the type. I did put the faces into categories for you, which gives you a good start. **Most fonts are 14-point type**, unless otherwise noted. Have fun!

Primary faces

Main body text:	Warnock Pro Light, 10.5/13.75 (which means 10.5-point type with 13.75-point leading).
Chapter titles:	Warnock Pro Bold Display, 66/60
Tiny little type:	Warnock Pro Caption (most of the time)
Main headlines:	Antique Olive Black
Chapter numbers:	Antique Olive Nord, 200/160, 15 percent black
Callouts:	Floral Regular, 8/11.5
Cover:	Glasgow

Modern

Bodoni, *Italic*, Poster, Poster Compressed

Fenice (ITC) Light, Regular, **Bold**, **Ultra**

Madrone

Nofret Light, *Light Italic*, Regular, **Medium**,
Medium Italic, **Bold**, **Bold Italic**

Onyx Roman

Walbaum Roman

Oldstyle**Bookman**

Bernhard Modern

**Cochin, Italic, Bold,
Bold Italic****Garamond Light, Book,
Bold, Ultra****Goudy, Italic****Minion Display**

(created specifically for large type)

New Baskerville**Palatino****Photina Regular, Italic****Times Europa Roman,
Italic****Times New Roman****Warnock Pro Light,****Light Italic, Bold,****Bold Italic,****Caption**

(specifically for small type)

Display

(specifically for large type)

OPENTYPE NOTE: When you set a typeface in a very large size, very small size, or average size for reading, the letterforms should be shaped a little differently for each size. Very small sizes need to be a wee bit heavier, and very large sizes need to be lighter or else the thin strokes become thick and clunky. But most typefaces on a computer use one standard matrix, say for size 12 point, and just enlarge or reduce it. Warnock Pro, however, is a collection of faces within the family that are specifically designed for the different uses of type. You can see above that the "Caption" font looks a little heavy at 14 point, but at 8 point it's perfect. The "Display" font looks a little wimpy at 14 point, but those thin strokes are just lovely when set large. This font also has the option to use these oldstyle lining figures (234987) or the tabular figures (234987), as well as a couple of other options. Warnock Pro is an OpenType font, which means if your computer and software are up-to-date, you can access up to 16,000 characters in one font, and you can use the same font file on both Macs and PCs.

Slab serif**Aachen Bold****American Typewriter,
Bold****Blackoak****Clarendon Light,
Plain, Bold****Memphis Light,
Medium, Bold,
Extra Bold****New Century
Schoolbook**

Here is a Warnock Pro Regular W in gray directly behind the Display font W. You can clearly see the difference in the strokes.

Sans serif

Antique Olive Roman,
Bold Condensed, Black,
Nord

Avant Garde XLight

Eurostile
 Extended Two,
Bold Extended
Two

Folio Light, Medium, **Bold**
Condensed

Formata Light, Regular,
Medium, Medium
Italic, Bold, Bold
Italic

Franklin Gothic Book,
No. 2, Heavy,
Condensed

Futura Book, Medium
 Condensed

Helvetica, **Bold**

Imago Extra Bold

Optima Plain, *Oblique*,
Bold

Syntax Black, Bold

Trade Gothic Light, **Bold**,
Bold Condensed No. 20

Univers 39 Thin Ultra Condensed, **65 Bold**,
75 Black, 85 Extra
Black

Script

Arid

BANCO

Carpenter (24 point)

Cascade Script

Charme

Emily Austin (24 point)

Freemorse

Flora Regular, Bold

Legacy

Lamar Pen

Linoscript (20 point)

Post Antiqua Roman

Reporter Two

Shelley Volante

Spring Light, Regular

Tekton Regular, *Oblique*,
Bold

Wendy (24 point)

Zapf Chancery

Decorative

(all fonts below are 18 point)

Doghouse**Escaldio Gothico****FAJITA MILD****GLASGOW****Hollyweird****Improv Regular,
Inline****Industria Solid****Jiggery Pokery****Juice****JUNIPER****LITHOS LIGHT,
BOLD****Party****Pious Henry****Potzrebie****Regular Joe****SCARLETT****Scriptease****Spumoni****Weeha****Whimsy Heavy****Whimsy Barbecue****Ornaments**

Birds



MiniPics Lil Folks



MiniPics Head Buddies



Primitives



Type Embellishments One



Type Embellishments Two



Woodtype Ornaments



Zapf Dingbats

Index

A

abbreviations on business cards, 91

acronym for basic design principles, 13

Adobe

web address, 89, 119

Acrobat PDF, 89

alignment

basic principle of, 13, 31

breaking it, 104, 105, 108

comparison of different

text alignments, 35, 38

messy alignment, example of, 42, 106

mixing, 66

review of principle, 81

skyline vs. clothesline, 52

"soft" vs. "hard" edges, 33

strengths of, 81

summary, 48

use baseline of text, 40

visual connection, 48

all caps

bad examples of, 26, 85, 110

vs. lowercase form, 156

when to use, 157

why not to use, 18, 146, 157

angled type, 160

Anguish Languish, 2

stories from, 42, 44, 46, 47,

51, 53, 150, 154, 166–167

apostrophes, true, 86

Arial/Helvetica

don't use it, 104, 110, 120

spec Geneva or Verdana

on web pages, 120

ascenders, 142

asymmetry, 79

B

baseline

explanation of, 142

use for alignment, 43

be conscious, 139

blank space. See **white space**

body, body copy defined, 10

books on design and typography, 183–184

borders, lose them, 180

bottom out, 52

boxes, use sparingly, 98

break the rules, when to, 47, 182

brochures, 105–108

design no-nos, 106

design tips, 108

folds, allow for, 106

Brown, Wendy and Mike, 61

bullet, 10

Burns, Robert, 37, 39

business cards

design no-nos, 90

design tips, 91

standard size, 89

business package, 54

C

calligraphy. See **script type examples**

capital letters, caps.

See **all caps**

Carter, Ross, 137

centered alignment, 33

examples of, 36, 38

impression of, 34, 48, 81

make it look intentional, 38

suggestions for, 36–37, 38

variation on, 37

Center Alley, 46

Chace, Howard, 2, 44, 46, 47,

167–168

children's books, 134

clothesline, 52

color

black-and-white, 165

comparison of typefaces, 168–169

contrast of, 164

effectiveness in marketing, 109

examples of contrasts in, 68, 74, 76–77, 164–169

use just a splash, 89

combining typefaces, 170

concord

basic principle of, 123

examples, 124–125

conflict

basic principle of, 123

examples of, 70, 126–127

how to avoid it, 63

Conrad, Joseph, 166–167

consistency, 49.

See also **repetition**

contrast

basic principle of, 13, 63

like wall paint, 78

purpose of, 78

review of principle, 83

summary, 78

use as repetitive element, 74–75

using white space, 116

contrasting type

basic principle of, 123, 143

by color, 164

by direction, 160

by form, 156

by size, 144

by structure, 152

by weight, 148

combine the contrasts, 170

examples of, 128–129

summary, 130, 171

copy machines, stationery for, 96

corners, what not to do in them, 70, 90, 98, 160

crap, 13

D

Davis, Nancy, 2, 136

dazzling type effect, 133

decorative type examples, 138

descenders, 142

designer's favorite term, 30

design tips

brochures, 105–108

business cards, 89–92

creating a package, 88

flyers, 97–100

letterhead and envelopes, 93–96

newsletters, 101–104

newspaper ads, 113–116

postcards, 109–112

web pages, 117–120

where to start? 176

- dingbats, 10**
- direction**
basic principle of, 160
examples of, 160–163
use for contrast, 69
- Dwiggins, W.A., 122**
- E**
edge of type, soft vs. hard, 33
- Egley, Grant, 66**
- Egyptian typefaces, 134**
- element, defined, 10**
- em, 104**
em as paragraph indent, 43
- envelopes**
design no-nos, 94
design tips, 94, 96
standard size of, 96
- exercises**
combining contrasts, 174
redesign ads, 177, 178
redesign poster, 178
- extended text**
defined, 10
type for, 132, 134
type not good for, 133
- eye, eye flow**
and white space, 79
contrast and, 78
defined, 10
examples of, 16, 17, 30,
41, 50, 65, 81
- F**
faxing, stationery for, 96
- flag, newsletter, 101, 102**
- flush left**
defined, 38
examples of, 34
- flush right**
defined, 38
examples of, 35, 54
- flyers**
design no-nos, 94
design tips, 100
- focal point, 96, 100, 176**
- focus, 75**
contrast and, 70
- folds in a brochure, 105**
- fonts**
combining typefaces,
143–159
default font for viewing
web sites, 120
fonts to let go of, 75
for contrast, 104
- for readability, 104
for web pages, 120
from the '70s, 90
- form, contrast of, 156**
- G**
Geneva on web pages, 120
- glossary, 10**
- Gottschall, Edward, 8**
- gray page, what to do about
it, 151, 166**
- gutter, what is it?, 105**
- H**
hang from a clothesline, 52
- Helvetica**
don't use it, 104, 108, 110,
120
spec Geneva or Verdana
on web pages, 120
- hierarchy, use contrast to
show, 150**
- I**
identity package, 88
- indented text**
first paragraphs are not
indented, 43
typewriter-wide indents,
42
- inspiration, how to get it, 86**
- invisible type, 132**
- italic, 158**
true-drawn, 158
- J**
Joshua tree, 11
- justified type, 10, 38**
- L**
Ladie Rat Rotten Hut, 44, 166
to order booklet, 2
- left alignment**
examples of, 34
impression of, 34, 81
- letterhead and envelopes**
design no-nos, 94
design tips, 96
marketing information, 93
second page of stationery,
96
- Life**
accenting your clothes, 62
don't be a wimp, 79
dynamic relationships, 123
matching paint, 78
- physical closeness implies
relationship, 15
- rules of, 68
- Your attitude is your Life, 155
- Lindbergh, Anne Morrow, 14**
- line, drawn, 10**
- line lengths** on web pages, 120
- M**
Melville, Herman, 128
- mini-glossary, 10**
- modern type examples, 133**
- monoweight, 135**
- multiple-page publications,
52–53**
- N**
newsletters
design no-nos, 102
design tips, 104
masthead example, 18
repetition in, 52
- newspaper ads, 113–116**
design no-nos, 114
design tips, 116
- newsprint, printing on, 116**
- New York font** on web pages,
120
- O**
oblique type style, 158
- oldstyle type examples, 132**
- open book, open mouth
quizzes, 179**
- OpenType fonts, 186**
- optical illusion of reverse type
size, 116**
- P**
paragraphs
first p. is not indented, 43
indent one em, 104
space before and after, 24
- parentheses, don't use, 91, 94**
- PDFs, 89**
- Peachpit Press** web address,
2, 119
- period, one space after, 86**
- pixels, size of web pages, 119**
- postcards, 109–112**
design no-nos, 110
design tips, 112
- power, 26**
how to get it, 12
- principles of design, 13**
review, 79–86

proportional type, 43**proximity**

- basic principle of, 13, 15
- purpose of, 30
- review of principle, 80
- summary of, 30

pull quotes, 102**Q****quad left or right, 38****quizzes**

- answers to, 180–182
- categories of type, 139, 152
- contrast or conflict, 172
- design principles, 84
- dos and don'ts, 173
- my philosophy on, 179
- redesign this ad, 85
- serifs, 141
- thick/thin transitions, 140

quotation marks, 86**R****ragged right, adjust ends of lines, 43****re-design, where to start? 176****readability, 104**

- typefaces for, 104

repetition

- basic principle of, 13, 49
- in brochures, 108
- in newsletters, 101
- in web sites, 117, 120
- review of principle, 82
- summary, 62

Return after paragraph, 24**reverse type, when not to use, 116****right-aligned text, examples of, 32, 33, 46****roman type style, 158****rules, breaking them, 47, 182****rules (lines), 10**

- contrast in, 68

Rules of Life, 68, 79**S****sans serif**

- putting two or more on a page, 155
- type examples, 135
- vs. serif, 154

Sayers, Dorothy L., 157**script type examples, 137****serifs**

- horizontal, thin, 133
- horizontal and thick (slab), 134
- illustration of, 132
- none (sans), 135
- quiz on, 141
- slanted, 132

shape, or form of type, 156**Sheldon, Carmen, 3****size**

- contrasts in, 72, 76–77, 144
- standard business card, 89
- standard envelope, 96
- type size on business cards, 92

slab serif type examples, 134**slanted text, 160****stationery. See letterhead and envelopes****stealing design ideas, 86****stress in letterforms, 132****structure**

- basic principle of, 152
- contrast, 152

symbols, use dramatically, 147**T****Taylor, Laura Egley, 2****telephone numbers, alternatives for parentheses, 91****tests. See quizzes****text**

- defined, 10
- extended, 10
- size of, 20, 27

thick/thin transitions, 132

- little or none, 134
- moderate, 132
- quiz on, 140
- radical, 133
- slight in sans serif, 136

Thoreau, Henry David, 76–77**Times, Times Roman**

- don't use it, 110, 120
- spec New York on web pages, 120

Tollett, John, 2**tracing paper, use it to sketch ideas, 85****true-drawn italic, 158****Tschichold, Jan, 4****type**

- comparison of color in typefaces, 168–169
- dynamic relationships in type, 123
- how to combine, 143–159
- in newspaper ads, 116
- justified, what does it mean? 10
- left-aligned, watch the rag, 43
- list of contrasts in, 171
- reverse type, 116
- type choices for web, 120

U**unity in design, 48**

- unity with variety, 59

V**Verdana, great type choice for web, 120****VIP, visually illiterate person, 177****W****web pages, 28**

- design no-nos, 118
- readability on, 120
- tips, 120

weight contrast, 148**White, Jan, 2, 165****white space**

- by-product of organization, 30
- defined, 10
- organization of, 17
- to create contrast, 112
- trapped
 - defined, 10
 - examples of, 24, 46
 - solutions for, 46

Williams, Shannon, 34**wimp, don't be one, 63, 79****Wingdings, 10, 98****X****x-height, 142****Z****Zapf Dingbats, 10**

About this book

I updated, designed, composed, and indexed this book directly in Adobe InDesign on a Mac G4.

The main fonts are Warnock Pro Light for the body copy (an incredible OpenType font from Adobe; see the note on page 186), Antique Olive Black for the headlines, and Floral for the callouts. The cover font is Glasgow, originally designed by Epiphany Design Studio. The other two hundred+ fonts are listed inside.

About this author

I live and work on several acres in the high desert just outside of Santa Fe, New Mexico. I see the sunrise every morning and the sunset every evening. My kids have grown and gone and I'm writing books about things other than computers and traveling to interesting places in the world and life continues to be a grand adventure.



Some of the other books I've written

The Non-Designer's Type Book

The Non-Designer's Web Book (with John Tollett)

The Non-Designer's Scan and Print Book (with Sandee Cohen)

Robin Williams Design Workshop (with John Tollett)

Robin Williams Web Design Workshop (with John Tollett and Dave Rohr)

Robin Williams DVD Design Workshop (John Tollett and Dave Rohr wrote it, and I helped a little)

A Blip in the Continuum (celebrating ugly typography, with illustrations by John Tollett)

And a bunch of Mac books:

The Mac is not a typewriter, second edition

Robin Williams Mac OS X Book (several versions)

The Little iMac Book, third edition (with John Tollett)

The Little Mac iApps Book (John Tollett; I helped)

The Little iBook Book (John Tollett; I helped)

John drew the above portrait in pen-and-ink in Venice, inspired by a Picasso exhibit of pen-and-ink portraits.

THE NON-DESIGNER'S DESIGN BOOK

SECOND EDITION



Robin Williams is the author or co-author of more than 20 best-selling and award-winning books, including *Robin Williams Design Workshop*, *The Mac is not a typewriter*, *The Non-Designer's Type Book*, and *Robin Williams Mac OS X Book*. Through her writing, teaching, and seminars, Robin has influenced an entire generation of computer users in the areas of design, typography, desktop publishing, the Mac, and the World Wide Web.

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- Intermediate
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For Mac and Windows users

DESIGN AND TYPOGRAPHY

Filled with design and typography principles drawn from Robin Williams' years of teaching and design experience, *The Non-Designer's Design Book* is an essential guide for anyone working with design and type. With over a quarter of a million copies in print, this classic continues to inspire people with its straightforward, lighthearted approach to design. Using numerous examples, Robin shows you how to go from wimpy to wow just by following basic design principles. You'll never look at your pages in the same way again.

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- ◆ You want to make your printed pages look better, but you don't know how.
- ◆ You want to learn more about design, but don't have the time or desire to actually study it.
- ◆ You want to put more than one typeface on the page, but you're not sure if the combination of type styles looks right.
- ◆ You want the type on your page to be more dynamic.
- ◆ You want people to read what you create.
- ◆ You'd like specific tips on designing newsletters, brochures, flyers, and other design projects.



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