Creating Page Layouts with CSS

Designing a Web Site for a Cycling Club

Case: Cycle Pathology

- Dan Atwood is a cyclist who lives and works in Grand Junction, Colorado. About 30 years ago, he and a few friends started a cycling group called Cycle Pathology. At the beginning, the group's activities consisted of weekend rides through the western Colorado countryside. However, with the growth in the popularity of cycling, the group has expanded to several hundred active members and now organizes rides and tours for much of western Colorado.

- To keep current and potential members informed about future rides and events, Dan created the Cycle Pathology Web site in the late 1990s. With the growth of the group, he has decided to redesign the site and has asked you for help in planning a new layout and design.

Cycle Pathology

About Cycle Pathology

Rides & Events

Route Sheets & Maps

Grand Junction Bike Fest

Off Road Cycling

Newsletter

Photo Album

Editor

Sponsors

From the President's Desk
— Dan Atwood

Hi fellow Cycle-Paths! The riding season is well underway and I'm recovering from the *Grand Mesa Century*, our first event of the summer tour schedule. Thanks to the volunteers who worked the relief and refreshment stations, and congratulations to all who finished.

Our next club meeting is Tuesday, July 8th at the DoubleTree Hotel in Grand Junction. Kaylee Frieze will talk about the upcoming *Gunnison Challenge* tour. Be sure to stay afterward for refreshments and fun.

Upcoming Events

July 5 *Rose Hill Rally*

Start from Canyon View Park and choose the Century or Metric Century ride. The $35 entry fee includes breakfast, support vehicles, rest station refreshments, and a post-ride meal.

July 12 *Tour the Palisades*

The Wine Tour season starts with our annual tour of the *Fruit & Wine Trail*. Stay afterward to enjoy samples of local wine from the valley.

July 26 *Gunnison Challenge*

Join us for this non-competitive tour through the Black Canyon of the Gunnison. Proceeds from the event benefit the Montrose Medical Mission.

August 9 *Steamboat Springs Rally*

Come to the Steamboat Ski Mountain for this epic 60-mile ride across the Continental Divide. A second ride has been added for those interested in enjoying the cross-country trails within the Steamboat ski area.

August 24 *Copper Triangle*

Riding the Rim
— Kathy Rawlings

Rim Rock Drive in Colorado National Monument has tested many of the world's strongest riders, but is still accessible to the weekend cyclist. If you decide to *Tour the Moon*, here are some tips to help you have a great ride:

Keep Hydrated The canyon sun can quickly sap your energy. Make sure you carry plenty of water; there are no watering holes along the Rim.

Bring Lights All bikes must be equipped with front and rear lights for safe passage through the Rim's tunnels. Cyclists must use a white light visible at least 500 feet in front and a red light visible at least 200 feet from the rear.

Ride Single File Rim Rock Drive is narrow, with sheer drop-offs to the canyon valley. Leave plenty of room for drivers to pass you and your group.

Cycling in Colorado National Monument

Cycle Pathology ◉ 100 Redstone Drive ◉ Grand Junction, CO 81501 ◉ (970) 555 - 8944

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Starting data files

- Use your text editor to open the **cycletxt.htm** file from the tutorial.04/tutorial folder. Enter your name and the date in the comment section of the file, and then save it as **cycle.htm**.

- Take some time to review the content and structure of the cycle.htm file in your text editor.

- Open the **cycle.htm** file in your Web browser. Figure in next slide shows the current appearance of part of the page using one browser's internal style sheet.

page header →

Cycle
Pathology

main navigation list →

- Home
- Members Only
- Market Place
- Message Board
- Contact Info

From the President's Desk

**president's message** →

— Dan Atwood

Hi fellow Cycle-Paths! The riding season is well underway and I'm recovering from the *Grand Mesa Century*, our first event of the summer tour schedule. Thanks to the volunteers who worked the relief and refreshment stations, and congratulations to all who finished.

Our next club meeting is Tuesday, July 8th at the DoubleTree Hotel in Grand Junction. Kaylee Frieze will talk about the upcoming *Gunnison Challenge* tour. Be sure to stay afterward for refreshments and fun.

second navigation list →

- About Cycle Pathology
- Rides & Events
- Route Sheets & Maps
- Grand Junction Bike Fest
- Off Road Cycling
- Newsletter
- Photo Album
- Editor
- Sponsors

Cycle Pathology layout design
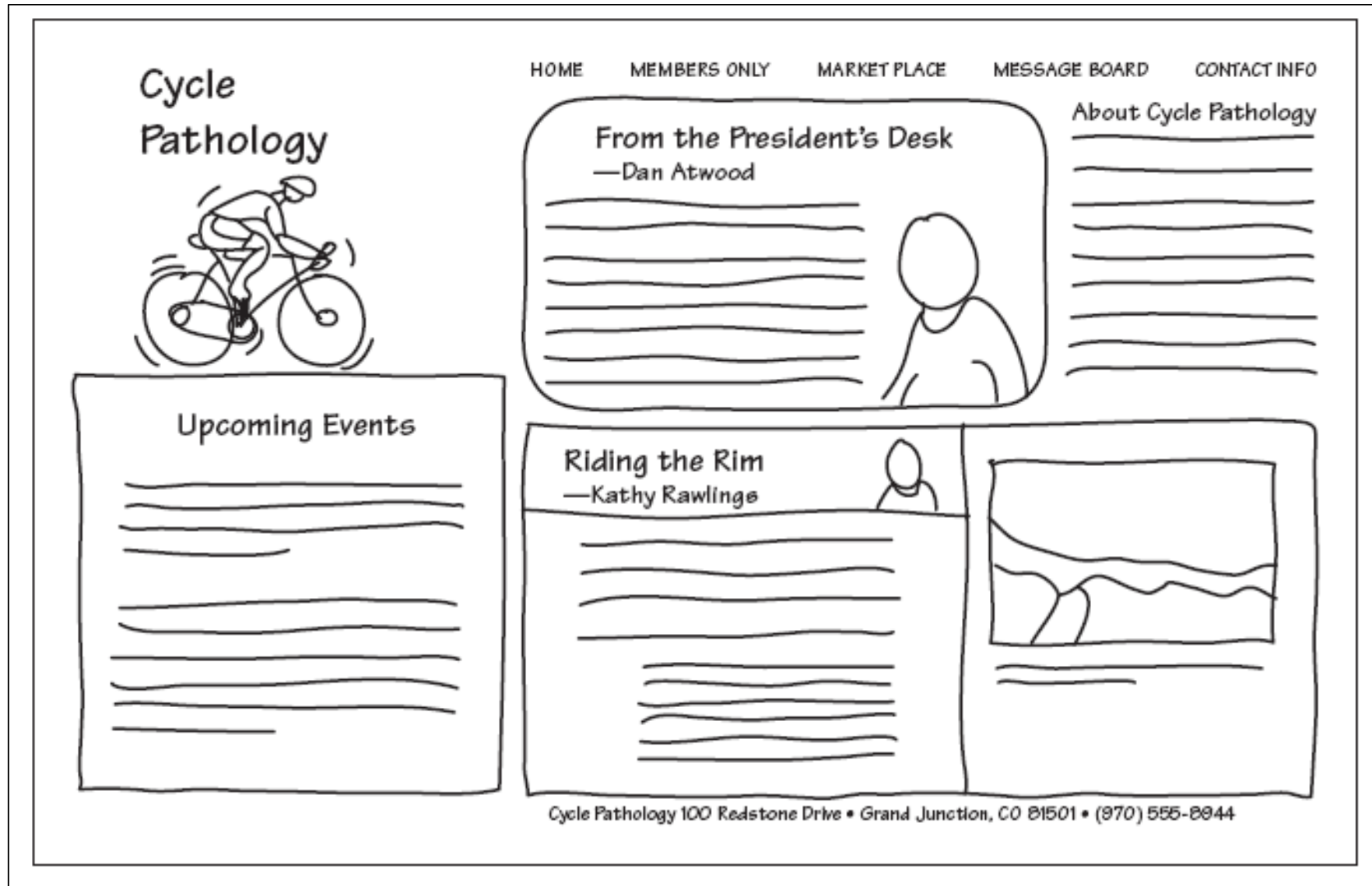
The **display** style: create the reset style sheet

- Use your text editor to open the **cp_resettxt.css** file from the tutorial.04/tutorial folder. Enter your name and the date in the comment section of the file and then save it as **cp_reset.css**.

- Below the comment section, add the following comment and style rule:

  / Display HTML5 structural elements as blocks */*

  article, aside, figure, figcaption, footer, hgroup, header, section, nav {

      display: block;

  }

- Save your changes to the file.

Values of the display property

Display Value	Effect On Element
block	Displayed as a block
inline	Displayed in line within a block
inline-block	Treated as a block placed in line within another block
run-in	Displayed as a block unless its next sibling is also a block, in which it is displayed in line, essentially combining the two blocks into one
inherit	Inherits the display property of the parent element
list-item	Displayed as a list item along with a bullet marker
none	Prevented from displaying, removing it from the page structure

Set the default styles for the Web site

- Below the style rule you just created in the **cp_reset.css** file, enter the following rule:

    /* Set the default page element styles */

    body * {

        font-family: Verdana, Geneva, sans-serif;

        font-size: 100%;

        font-weight: inherit;

        line-height: 1.2em;

        list-style: none;

        vertical-align: baseline;

    }

- Save your changes to the file.

Hide the different sections of the page

- At the bottom of the cp_reset.css style sheet, enter the following style rule:

    / Temporarily hide the page sections */*

    nav.horizontalNAV, #president, nav.verticalNAV, #story, header, aside, footer

    {

      display: none;

    }

- Save your changes to the file and then return to the **cycle.htm** file in your text editor

- Directly above the closing </head> tag, insert the following link to the reset style sheet:

    <link href="cp_reset.css" rel="stylesheet" />

- Save your changes to the file and then reload the cycle.htm file in your Web browser. Verify that no content is displayed in the browser window.

```css
/* Display HTML5 structural elements as blocks */
article, aside, figure, figcaption, footer, hgroup, header, section, nav {
    isplay: block;
}


/* Set the default page element styles */
body * {
    font-family: Verdana, Geneva, sans-serif;
    font-size: 100%;
    font-weight: inherit;
    line-height: 1.2em;
    list-style: none;
    vertical-align: baseline;
}


/* Temporarily hide the page sections */
nav.horizontalNAV, #president, nav.verticalNAV, #story, header, aside, footer
{
    display: none;
}
```

Format the page background

- Open the **cp_stylestxt.css** file in your text editor. Type your name and the date in the comment section at the top of the file, and then save the file as **cp_styles.css**.

- Below the comment section, insert the following style rule:

  / Styles for the Page Body */*

  body {

  > *background: black url(bike_bg.png) top left no-repeat;*

  }

- Save your changes to the file and then return to the cycle.htm file in your text editor.

- Directly below the link element for the **cp_reset.css** style sheet, insert the following:

  <link href="cp_styles.css" rel="stylesheet" />

- Save your changes to the file and then reload the cycle.htm file.

Formatting the Background

- To display a background image, use

```
background-image: url(url);
```

where `url` is the filename and location of the image file.
- To set how a background image repeats, use

```
background-repeat: type;
```

where `type` is `repeat`, `no-repeat`, `repeat-x`, `repeat-y`, `round`, or `space`.
- To set the position of a background image, use

```
background-position: horizontal vertical;
```

where `horizontal` is the horizontal position of the image and `vertical` is its vertical position.
- To set the attachment of an image to the background, use

```
background-attachment: type;
```

where `type` is `scroll`, `fixed`, or `local`.
- To set the size of a background image, use

```
background-size: width height;
```

where `width` and `height` are the width and height of the image in one of the CSS units of length or as a percentage of the element's width and height, or the keywords `auto`, `cover`, or `contain`.
- To clip a background, use
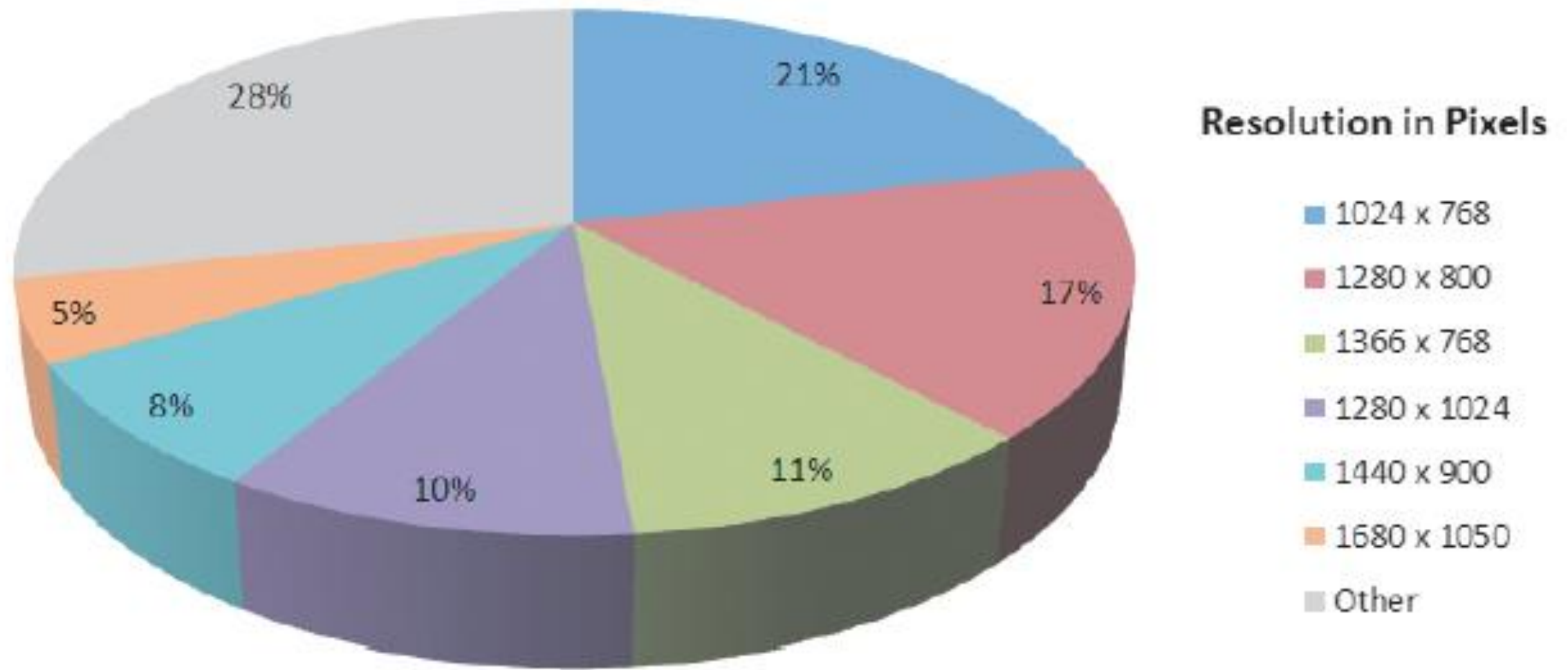
```
background-clip: box;
```

where `box` is `content-box`, `padding-box`, or `border-box` (the default).
- To specify the origin of a background image, use

```
background-origin: box;
```

where `box` is `content-box`, `padding-box` (the default), or `border-box`.

Exploring Layout Designs: Screen resolutions on the Web

21%

28%

17%

5%

8%

11%

10%

Resolution in Pixels

- 1024 x 768
- 1280 x 800
- 1366 x 768
- 1280 x 1024
- 1440 x 900
- 1680 x 1050
- Other

Source: NETMARKETSHARE (http://marketshare.hitslink.com)   3/1/2011

Exploring Layout Designs: Screen width on the Web

Source: NETMARKETSHARE (http://marketshare.hitslink.com)   3/1/2011
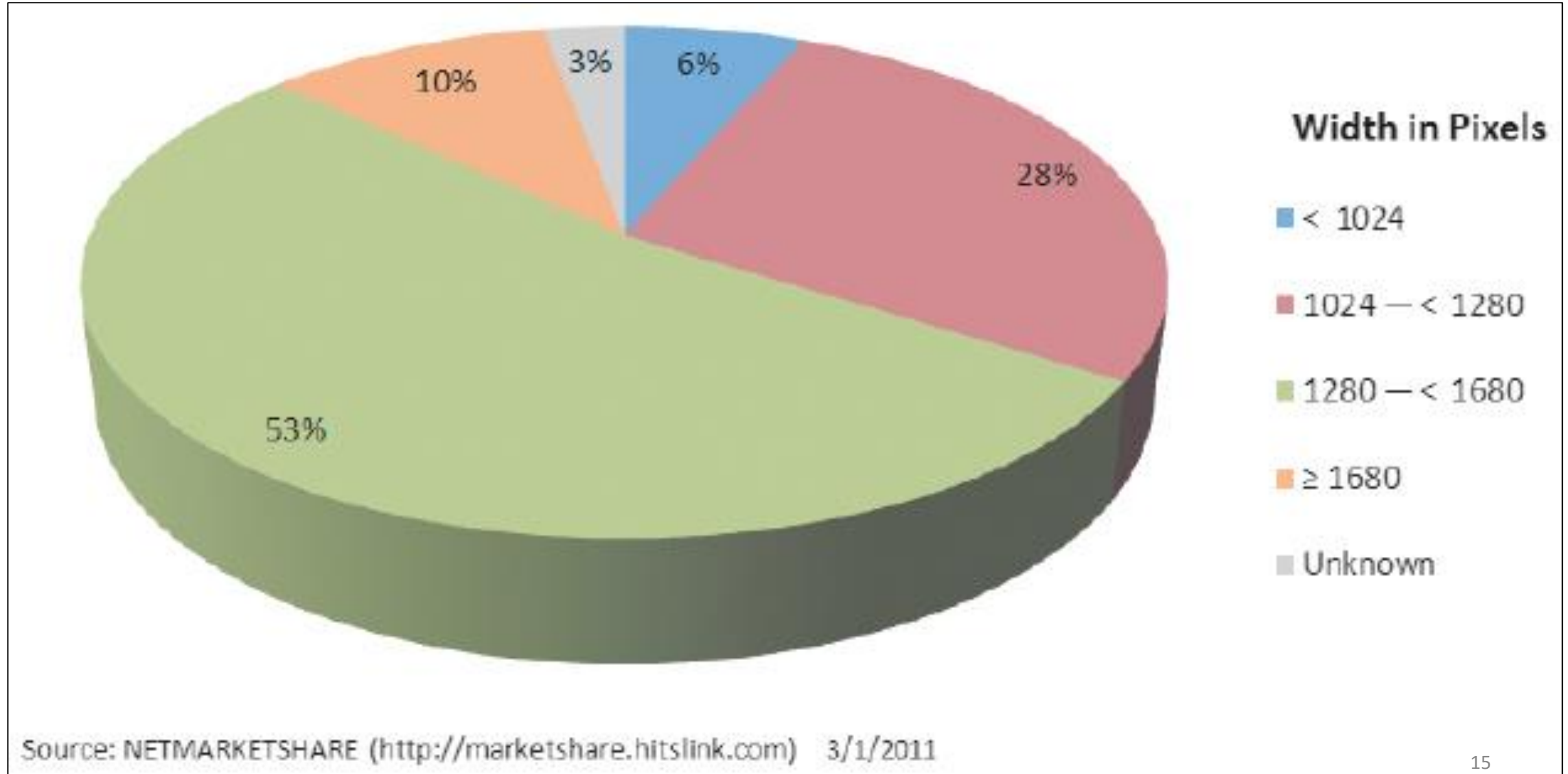
Fixed and fluid layouts
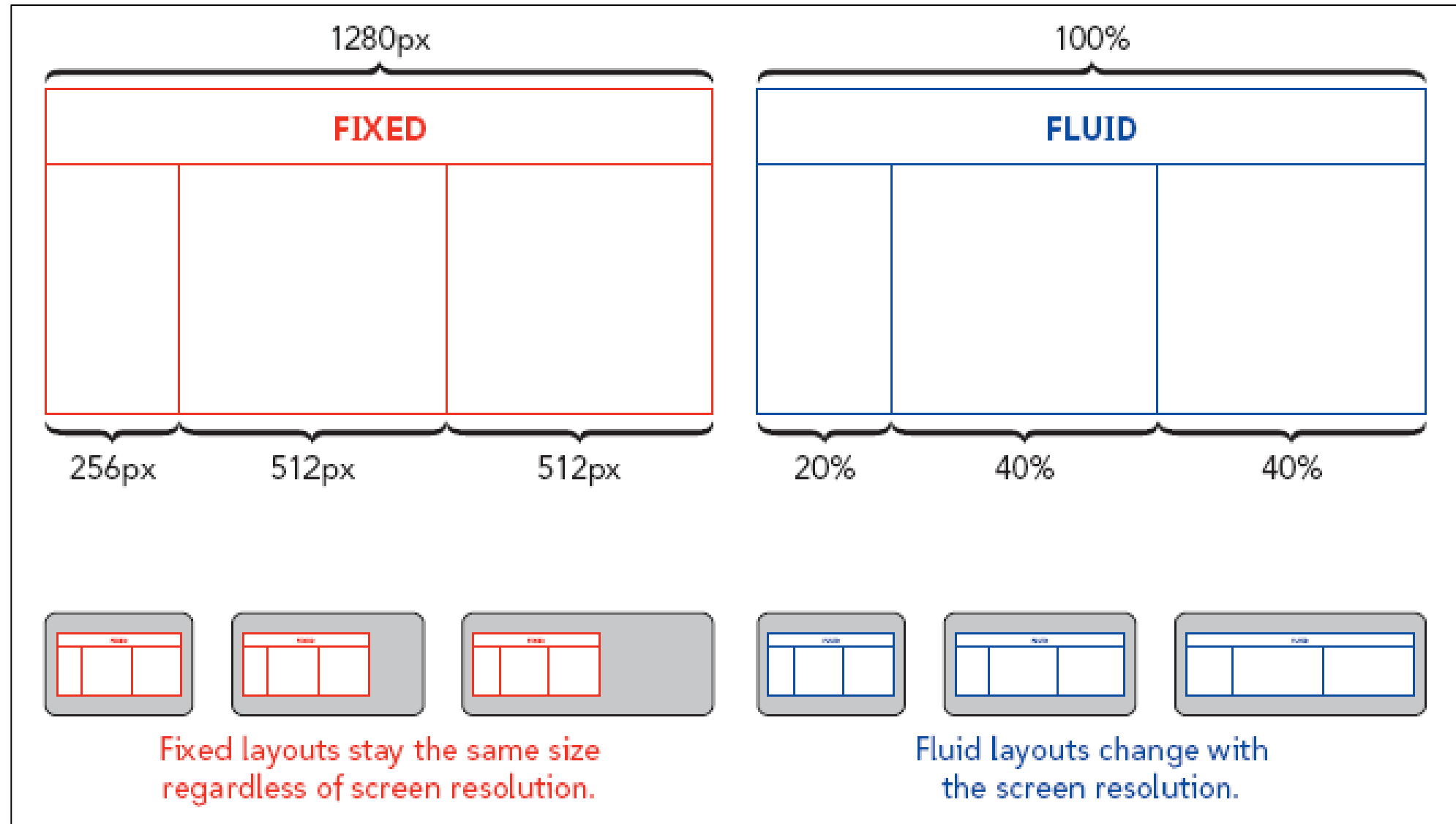
Set the page width

- Return to the **cp_styles.css** style sheet in your text editor.
- Within the style rule for the body element, insert the following properties:

    width: 95%;

    min-width: 1000px;

    max-width: 1400px;
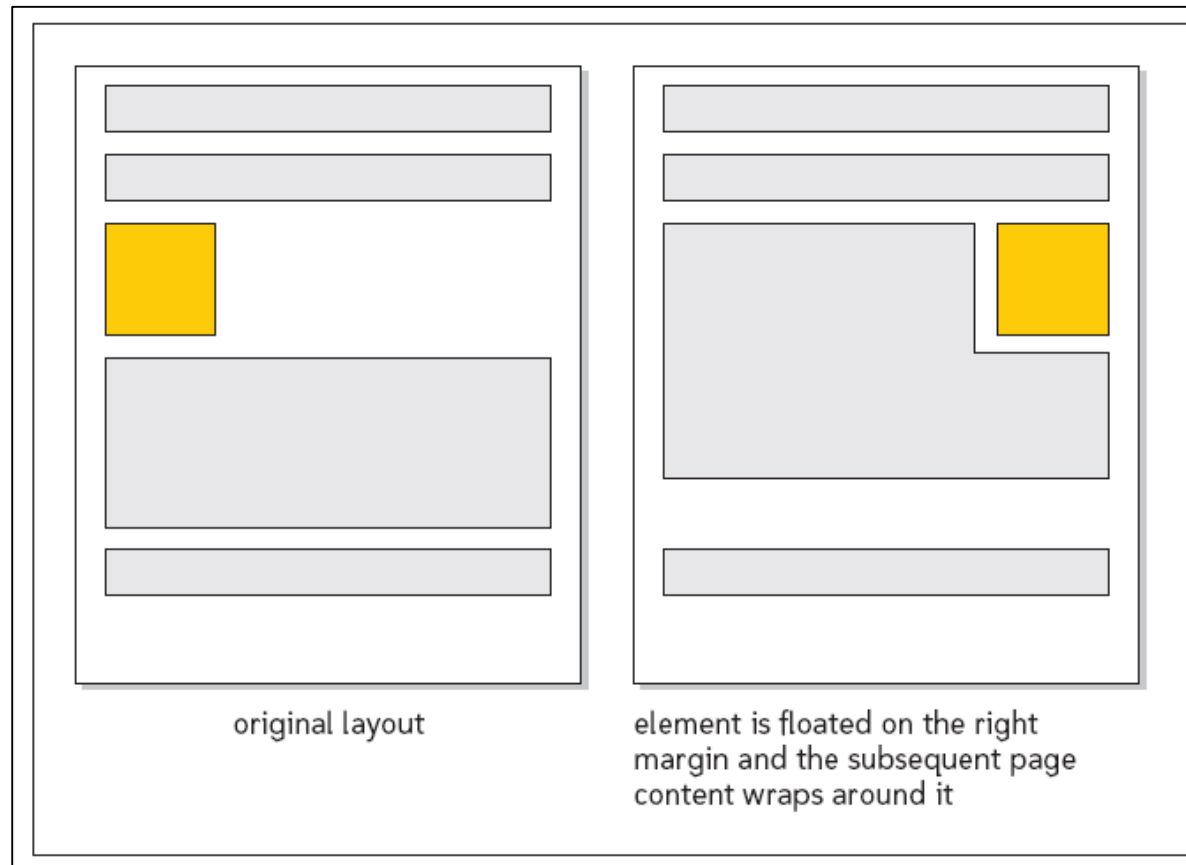
- Save your changes to the file.

width of Web page body is 95% of the width of the browser window

width is constrained to the range 1000 pixels to 1400 pixels

```
body {
    background: black url(bike_bg.png) top left no-repeat;
    width: 95%;
    min-width: 1000px;
    max-width: 1400px;
}
```

Setting a Float

- **Floating** an element takes that element out of the normal flow of the document and positions it along the left or right edge of its containing element. Subsequent elements that are not floated are then moved up to occupy the position previously occupied by the floating element.

original layout

element is floated on the right margin and the subsequent page content wraps around it

Format the navigation list

- Return to the **cp_styles.css** style sheet in your text editor.

- Below the style rule for the body selector, add the following code:

/* General Navigation List Style */

nav a {

    text-decoration: none;

}

/* Horizontal Navigation List */

nav.horizontalNAV li {

   font-size: 87.5%;

   float: left;

   text-align: center;

   width: 20%;

}

nav.horizontalNAV li a {

    color: rgb(255, 255, 99);

}

nav.horizontalNAV li a:hover {

    color: white;

}

- Save your changes to the file.
- Next, you'll change the reset style sheet rules so that the horizontal navigation list is once again displayed.
- Return to the **cp_reset.css** style sheet in your text editor and then scroll down to the style rule at the bottom of the page. Remove the selector *nav.horizontalNAV* along with the comma separator that follows it from the start of the selector list.
- Save your changes to the reset style sheet and then reload **cycle.htm** in your Web browser. The hypertext links are now rendered in a single row across the top of the page.
- Verify that the color of each link changes to white in response to the hover event.
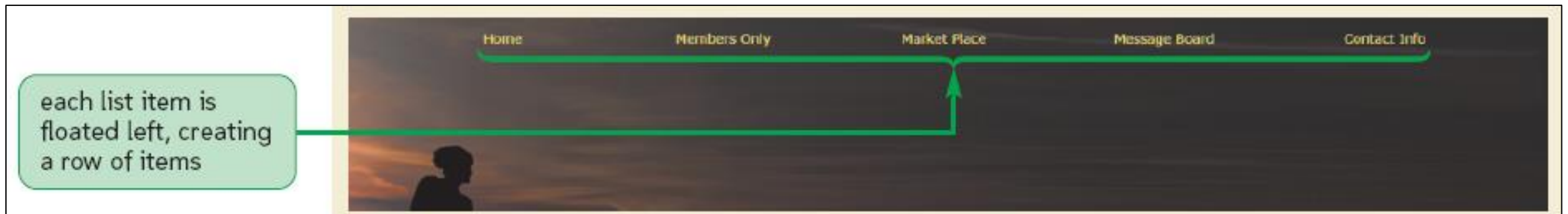
each list item is floated left, creating a row of items

Format the navigation list

- Return to the **cp_styles.css** style sheet in your text editor, and then at the bottom of the style sheet, insert the following rule:

  /* President's message */

  #president {

      background-color: rgb(105, 96, 87);

      background-color: rgba(255, 255, 255, 0.3);

      clear: left;

      float: left;

      width: 40%;

  }
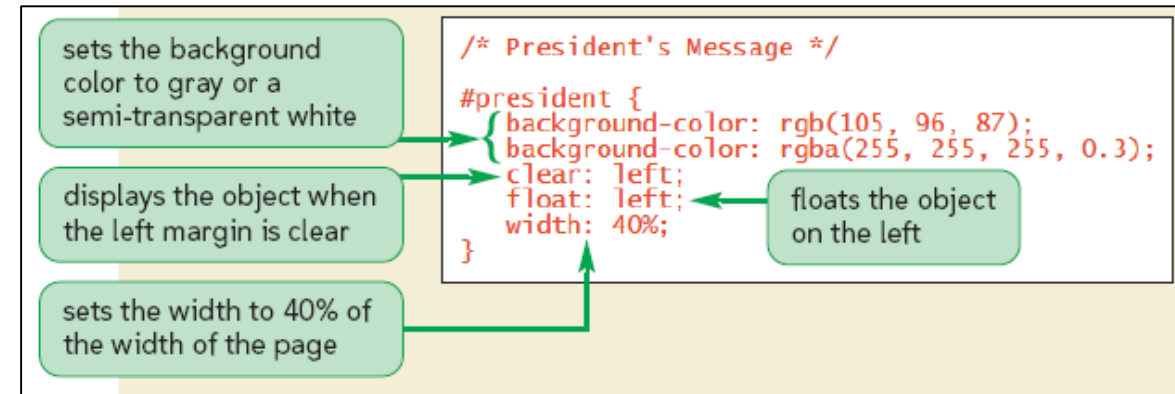
- Save your changes to the file. Now re-display the president's message.

- Return to the **cp_reset.css** style sheet in your text editor. Remove the selector **#president** and the comma that follows it from the start of the selector list in the style rule at the bottom of the file. Save your changes. Reload the **cycle.htm** file in your Web browser.

Define the default margin size

- Return to the **cp_reset.css** style sheet file in your text editor.

- Locate the style rule that defines the default page element styles and add the following style property:

  margin: 0px;

- Save your changes to the file.

by default, every element has no margin →
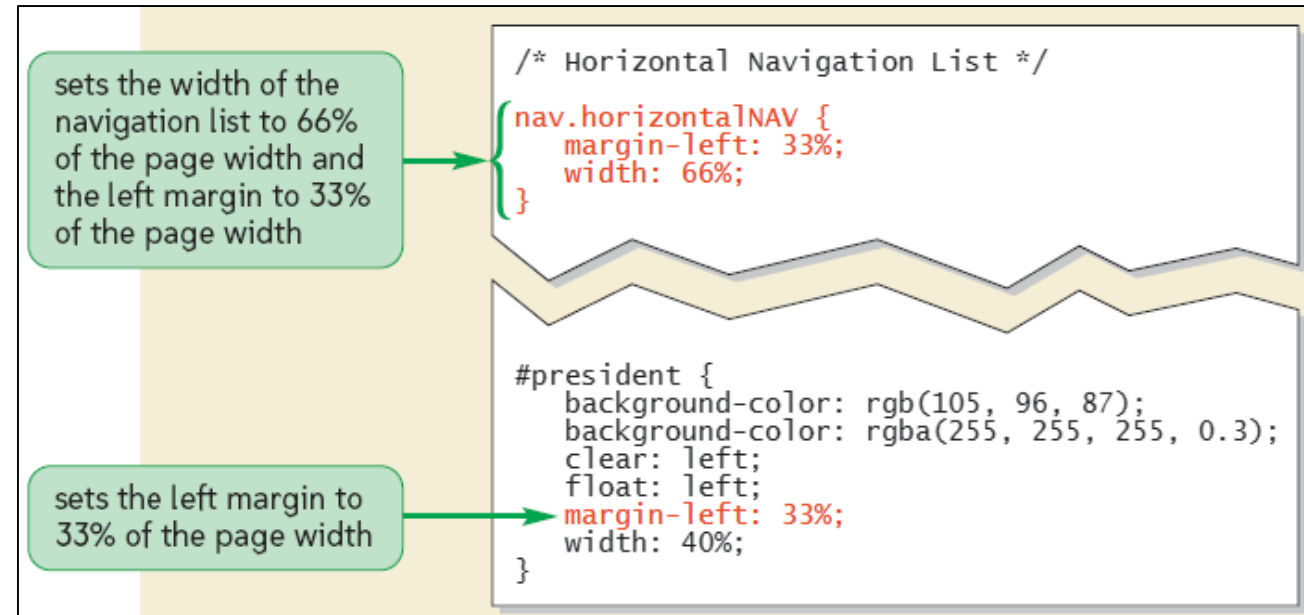
```
body * {
    font-family: Verdana, Geneva, sans-serif;
    font-size: 14px;
    font-weight: normal;
    line-height: 1.2em;
    list-style: none;
    margin: 0px;
    vertical-align: baseline;
}
```

Change the margin spaces in the page

- Return to the **cp_styles.css** style sheet file in your text editor, and then directly below the comment Horizontal Navigation List add the following style rule:

  nav.horizontalNAV {

  margin-left: 33%;

  width: 66%;

  }

- Scroll down to the style rule for the president's message and add the following style: *margin-left: 33%;*

- Save your changes to the file and then reload **cycle.htm** in your Web browser.

sets the width of the navigation list to 66% of the page width and the left margin to 33% of the page width

```
/* Horizontal Navigation List */

nav.horizontalNAV {
    margin-left: 33%;
    width: 66%;
}
```

sets the left margin to 33% of the page width

```
#president {
    background-color: rgb(105, 96, 87);
    background-color: rgba(255, 255, 255, 0.3);
    clear: left;
    float: left;
    margin-left: 33%;
    width: 40%;
}
```

Modify the padding size

- Return to the **cp_reset.css** style sheet file in your text editor. Within the style rule for default page styles, add the following property:

  padding: 0px;

- Save your changes to the file and return to the **cp_styles.css** file in your text editor. Within the style rule for list items in the horizontal navigation list, add the following style:

  padding: 15px 0px;

  This style sets the top and bottom padding space to 15 pixels, and the right and left padding space to 0 pixels.

- Save your changes to the file and then reload **cycle.htm** in your Web browser. Verify that additional space has been added above and below the horizontal navigation list.

Format the headings in the president's message:

- Return to the **cp_styles.css** style sheet file in your text editor.
- Add the following style rule at the bottom of the file to display the h1 heading in the president's message in a bold cursive-style font that is 158% of the size of the default text, with 10-pixel margins above and to the left of the text content:

    #president h1 {
    font-family: 'Lucida Calligraphy', 'Apple Chancery', cursive;
    font-size: 158%;
    font-weight: bold;
    margin: 10px 0px 0px 10px;
    }

- Below that style rule, add the following style rule to display the h2 heading in the president's message in a font size that is 105% of the size of the default text, with a 10-pixel margin below the text and a 15-pixel margin to the left of the text:

    #president h2 {
    font-size: 105%;
    margin: 0px 0px 10px 15px;
    }

- Save your changes to the file.

Add the background image:

- At the bottom of the cp_styles.css file, insert the following style rule to set the paragraph font size and margins:

    #president p {

    font-size: 87.5%;

    margin: 0px 40% 20px 15px;

    }

```
#president h2 {
    font-size: 105%;
    margin: 0px 0px 10px 15px;
}

#president p {
    font-size: 87.5%;
    margin: 0px 40% 20px 15px;
}
```

sets the paragraph margin to 20 pixels below, 15 pixels to the left, and 40% of the width of the president's message to the right

- In this case, the margins are a mixture of absolute and relative lengths. The top, bottom, and left margins are set to 0 pixels, 20 pixels, and 15 pixels, respectively. The size of the right margin will depend on the size of the president's box, which in turn will vary depending on the width of the Web page.

- Add the following properties to the #president selector style rule to define the source, position, tiling, and size of the background image:
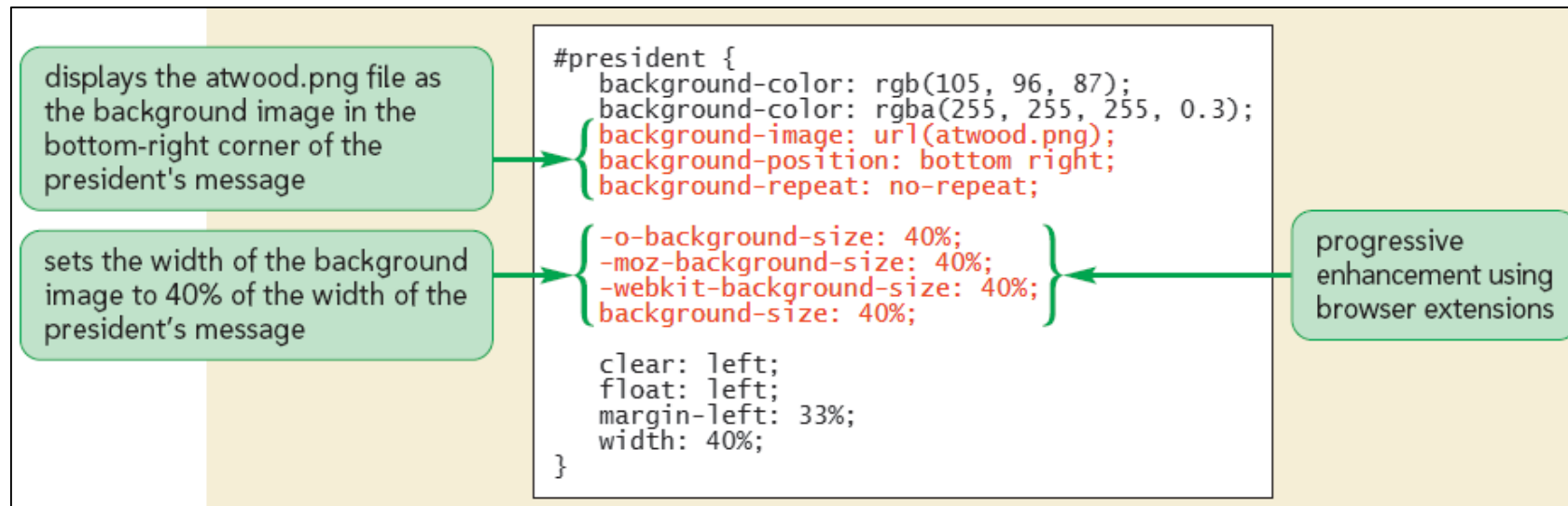
  background-image: url(atwood.png);

  background-position: bottom right;

  background-repeat: no-repeat;

  -o-background-size: 40%;

  -moz-background-size: 40%;

  -webkit-background-size: 40%;

  background-size: 40%;

- Notice that the style rule uses progressive enhancement and vendor prefixes in order to provide support for the widest range of browsers and browser versions. Save your changes to the file and then reload **cycle.htm**.

displays the atwood.png file as the background image in the bottom-right corner of the president's message

sets the width of the background image to 40% of the width of the president's message

```
#president {
    background-color: rgb(105, 96, 87);
    background-color: rgba(255, 255, 255, 0.3);
    background-image: url(atwood.png);
    background-position: bottom right;
    background-repeat: no-repeat;

    -o-background-size: 40%;
    -moz-background-size: 40%;
    -webkit-background-size: 40%;
    background-size: 40%;

    clear: left;
    float: left;
    margin-left: 33%;
    width: 40%;
}
```

progressive enhancement using browser extensions

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cursive heading

semi-transparent background

background image resizes with the president's message box

Home　　　　**Members Only**　　　　**Market Place**

From the President's Desk

— Dan Atwood

Hi fellow Cycle-Paths! The riding season is well underway and I'm recovering from the *Grand Mesa Century*, our first event of the summer tour schedule. Thanks to the volunteers who worked the relief and refreshment stations, and congratulations to all who finished.

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Redisplay the vertical navigation list

- Return to the **cp_reset.css** style sheet in your text editor and remove the selector **nav.verticalNAV** and the comma that follows it from the last style rule. Save your changes to the file.

- Go to the **cp_styles.css** style sheet in your text editor. At the bottom of the file, insert the following style rules to format the vertical navigation list:

  ```
  /* Vertical Navigation List */
  nav.verticalNAV {
      float: left;
      margin-left: 3%;
      width: 23%;
  }
  nav.verticalNAV a {
      color: rgb(182, 182, 92);
      line-height: 2.2em;
  }
  ```
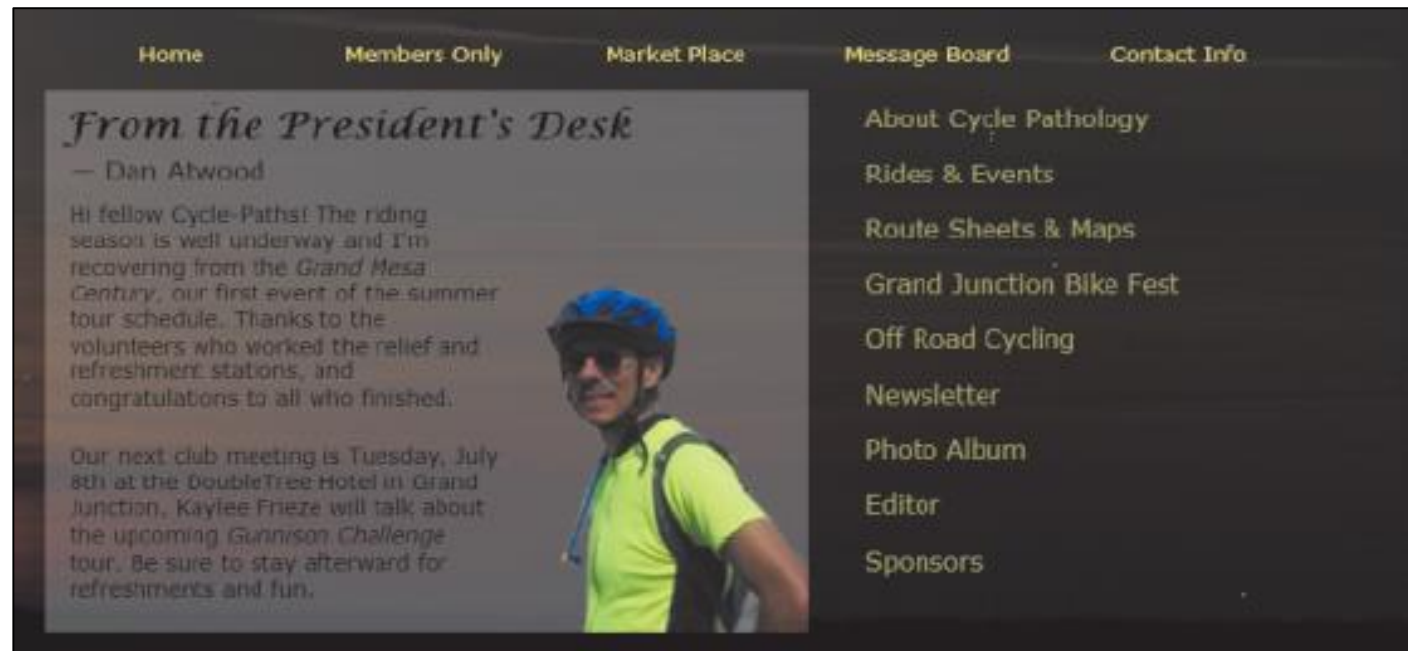
- Save your changes to the file and then reload **cycle.htm** in your browser.

Add a bottom border to the hypertext links

- Return to the **cp_styles.css** file in your text editor.

- Within the style rule for the nav.verticalNAV a selector, add the following styles in alphabetical order within the curly braces as:

  border-bottom: 1px solid rgb(182, 182, 92);

  display: block;

- At the bottom of the file, add the following style rule to change the background color of the hyperlinks in the vertical navigation list in response to the hover event:

  nav.verticalNAV a:hover {

  background-color: rgb(105, 96, 87);

  background-color: rgba(255, 255, 255, 0.3);

  }

- Save your changes to the file and reload **cycle.htm** in your Web browser. Verify that the hyperlinks now display a bottom border with the hover effect.

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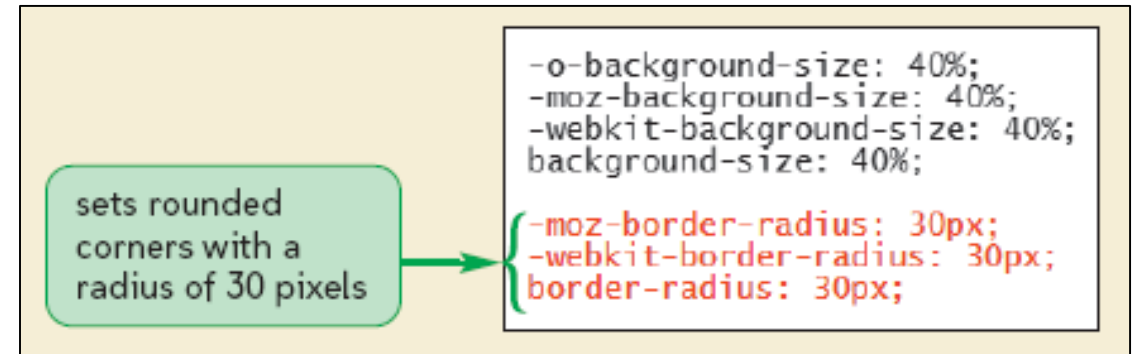
Newsletter

Photo Album

Editor

Sponsors

bottom border added to each hypertext link

hover effect changes the background color to a semi-transparent white

Create rounded corners

- Return to the **cp_styles.css** file in your text editor.

- Within the style rule for the #president selector, add the following style properties:

  -moz-border-radius: 30px;

  -webkit-border-radius: 30px;

  border-radius: 30px;

- Save your changes to the file and then reload **cycle.htm** in your Web browser. The president's message should now display rounded corners.


```
-o-background-size: 40%;
-moz-background-size: 40%;
-webkit-background-size: 40%;
background-size: 40%;

-moz-border-radius: 30px;
-webkit-border-radius: 30px;
border-radius: 30px;
```

sets rounded corners with a radius of 30 pixels

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View the layout structure

- Return to the **cp_styles.css** file in your text editor.

- At the bottom of the file, insert the following style rule:

    { outline: 1px solid red; }

- Save your changes to the file and then reload **cycle.htm** in your Web browser. Each element in the page is outlined in red, showing its exact width, height, and location under your current design.

- Return to the **cp_styles.css** file in your text editor and remove the style rule you created in Step 2. Save your changes to the file.
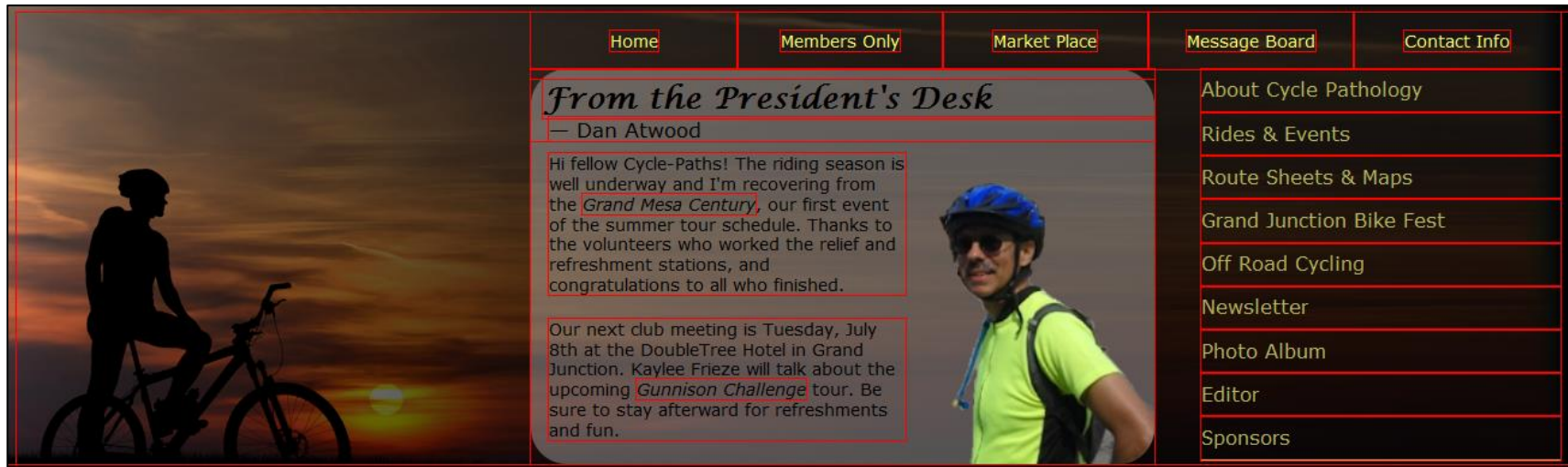
Display the story section

- Return to the **cp_reset.css** file in your text editor and then go to the style rule at the bottom of the file that hides page elements. Remove the selector **#story** and the comma that follows it from the style rule, and then save your changes to the file.

- Return to the **cp_styles.css** file in your style sheet.

- At the bottom of the file, add the following style rule to align the story section directly below the president's message, separated by a 20-pixel vertical margin:

```
/* Story section styles */
    #story {
    background-color: gray;
    background-color: rgba(255, 255, 255, 0.8);
    clear: left;
    float: left;
    margin: 20px 0px 0px 33%;
    width: 66%;
    }
```

- Below the style rule you just added, add the following two style rules to float the article and figure box side-by-side, with each one taking up about half of the width of the story section:

  / Article styles */*
  #story article {
  border-right: 1px solid black;
  float: left;
  width: 50%;
  }

  / Figure box styles */*
  #story figure {
  float: left;
  width: 49%;
  }

- Save your changes to the file and then reload cycle.htm in your Web browser. The placement of the story section as well as the Rim Rock Drive article and figure box within it.

Home   Members Only   Market Place   Message Board   Contact Info

From the President's Desk
— Dan Atwood

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Riding the Rim
— Kathy Rawlings
Rim Rock Drive in Colorado National Monument has tested many of the world's strongest riders, but is still accessible to the weekend cyclist. If you decide to *Tour the Moon*, here are some tips to help you have a great ride:
Keep Hydrated The canyon sun can quickly sap your energy. Make sure you carry plenty of water; there are no watering holes along the Rim.
Bring Lights All bikes must be equipped with front and rear lights for safe passage through the Rim's tunnels. Cyclists must use a white light visible at least 500 feet in front and a red light visible at least 200 feet from the rear.
Ride Single File Rim Rock Drive is narrow, with sheer drop-offs to the canyon valley. Leave plenty of room for drivers to pass you and your group.

Cycling in Colorado National Monument

Vaclav Volrab/Shutterstock.com

article

figure box

story section

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Format the article heading

- Return to the **cp_styles.css** file in your text editor. Directly below the style rule for the story article selector, insert the following rules to format the size, background, and text of the article heading group:

  #story article hgroup {

  background: rgb(97, 30, 2) url(rawlings.png) bottom right no-repeat;

  -o-background-size: contain;

  -moz-background-size: contain;

  -webkit-background-size: contain;

  background-size: contain;

  color: rgb(145, 98, 78);

  color: rgba(255, 255, 255, 0.3);

  height: 90px;

  text-indent: 10px;

  }

- Set the size of the h1 heading in the article to 158% of the default font size, and set the kerning to 3 pixels by adding the following rule directly below the rule you created in Step 1:

  #story article hgroup h1 {

      font-size: 158%;

      letter-spacing: 3px;

  }

- Finally, set the size of the h2 headings to 105% of the default font size by adding the following style rule directly below the rule you created in Step 2:

 *#story article hgroup h2 {*

      font-size: 105%;

  }

- Save your changes to the file and reload **cycle.htm** in your Web browser.

Format the paragraph and list items

- Return to the **cp_styles.css** file in your text editor. Directly below the style rule for the h2 heading you created in the last set of steps, add the following rules:

  #story article p {

  > *font-size: 80%;*
  > *margin: 10px;*

  }

  #story article ul li {

  > *font-size: 80%;*
  > *margin: 15px 25px;*

  }

  #story article ul li strong {

  > *font-weight: bold;*

  }

- Save your changes and reload **cycle.htm** in your Web browser. The final format of the article heading and text.
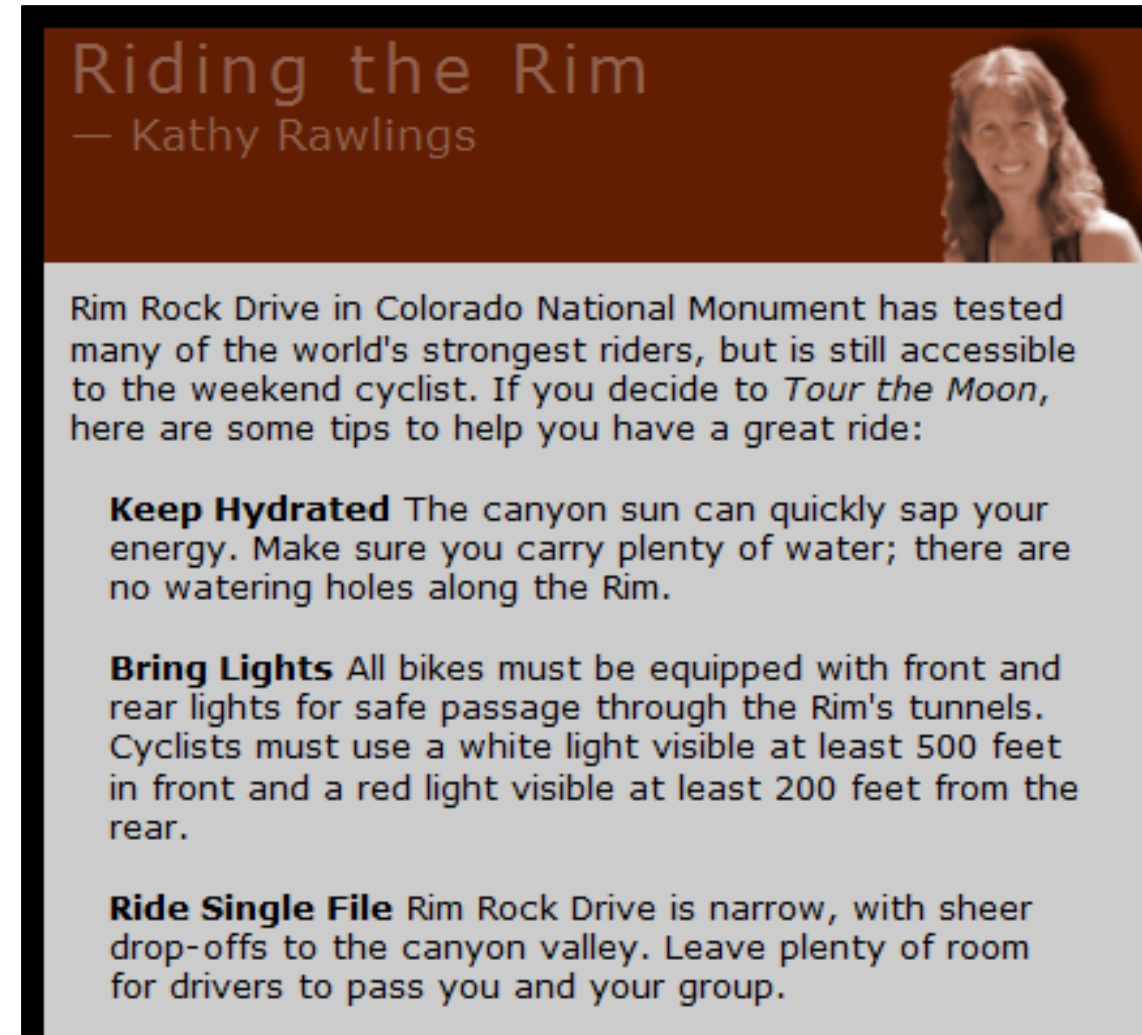
Format the figure box

- Return to the **cp_styles.css** file in your text editor. At the bottom of the style sheet, insert the following rules:

  #story figure img {

      border: 5px inset rgb(227, 168, 145);

      display: block;

      margin: 30px auto 10px;

      width: 80%;

  }

  #story figure figcaption {

      font-size: 75%;

      font-style: italic;

      text-align: center;

  }

- Save your changes and then reload **cycle.htm** in your Web browser.

Cycling in Colorado National Monument

Place the page header

- Return to the **cp_reset.css** file in your text editor and remove the selector **header** and the comma that follows it from the style rule at the bottom of the file that hides the page elements. Save your changes to the file.

- Go to the **cp_styles.css** file in your text editor. Directly below the style rule for the body selector near the top of the page, insert the following style rule:

    / Styles for the Page Header */*
    header {
        position: absolute;
        top: 20px;
        left: 20px;
    }

- Save your changes to the file and then reload **cycle.htm** in your Web browser. The graphic image for the Cycle Pathology logo appears in the top-left corner of the browser window.

Place the sidebar

- Go to the **cp_reset.css** file in your text editor and remove the selector **aside** and the comma that follows it from the style rule at the bottom of the file, leaving only the footer selector. Save your changes to the file.

- Return to the **cp_styles.css** file in your text editor. At the bottom of the file, insert the following style rule to place the aside element halfway down the left edge of the page:

  / Sidebar styles */*

  aside {

  color: rgb(145, 98, 78);

  position: absolute;

  top: 400px;

  left: 10px;

  width: 30%;

  }

- Save your changes to the file and then reload **cycle.htm** in your Web browser. The sidebar describing the upcoming rides starts halfway down the left edge of the page.

Format the sidebar content

- Return to the **cp_styles.css** file in your text editor. At the bottom of the file, insert the following style rules for the h1, h2, and p elements in the **aside** element:

  aside h1 {

      font-size: 105%;

      font-weight: bold;

      margin-bottom: 25px;

      text-align: center;

  }

  aside h2 {

      font-size: 85%;

      font-weight: bold;

  }

  aside p {

      font-size: 75%;

      margin: 15px;

  }

- Save your changes to the file and then reload **cycle.htm** in your Web browser.

Upcoming Events

July 5 *Rose Hill Rally*

Start from Canyon View Park and choose the Century or Metric Century ride. The $35 entry fee includes breakfast, support vehicles, rest station refreshments, and a post-ride meal.

July 12 *Tour the Palisades*

The Wine Tour season starts with our annual tour of the *Fruit & Wine Trail*. Stay afterward to enjoy samples of local wine from the valley.

July 26 *Gunnison Challenge*

Join us for this non-competitive tour through the Black Canyon of the Gunnison. Proceeds from the event benefit the Montrose Medical Mission.

August 9 *Steamboat Springs Rally*

Come to the Steamboat Ski Mountain for this epic 60-mile ride across the Continental Divide. A second ride has been added for those interested in enjoying the cross-country trails within the Steamboat ski area.
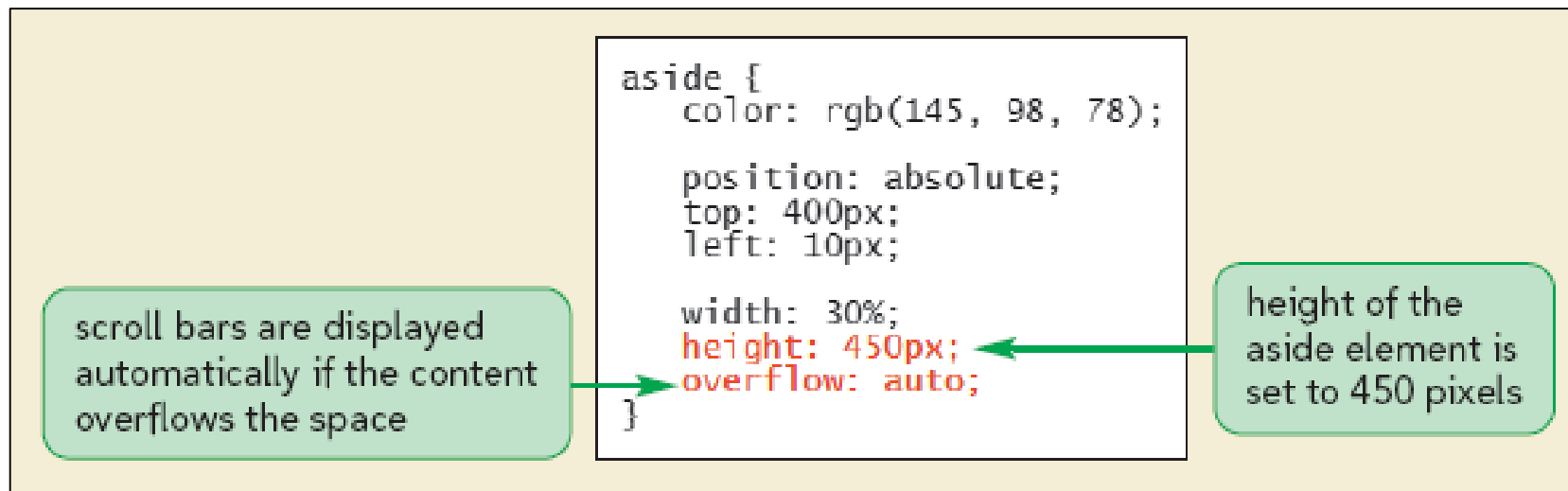
Position the entire page body

- Return to the **cp_styles.css** file and locate the style rule for the body selector near the top of the page.

- Add the following property to the style rule: *position: relative;*

- Save your changes to the file and then reload the **cycle.htm** file in your Web browser. Change the size of your browser window and verify that the width of the **aside** element changes proportionally along with the widths of the other page elements.

```
body {
    background: black url(bike_bg.png) top left no-repeat;
    position: relative;
    width: 95%;
    min-width: 1000px;
    max-width: 1400px;
}
```

Define the overflow style for the aside element

- Return to **cp_styles.css** in your text editor and scroll down the style rule for the **aside** selector near the bottom of the file.

- Add the following styles:

  height: 450px;

  overflow: auto;

- Save your changes to the file and then reload **cycle.htm** in your Web browser. A scroll bar is added to the **aside** element.

```
aside {
    color: rgb(145, 98, 78);

    position: absolute;
    top: 400px;
    left: 10px;

    width: 30%;
    height: 450px;
    overflow: auto;
}
```

scroll bars are displayed automatically if the content overflows the space
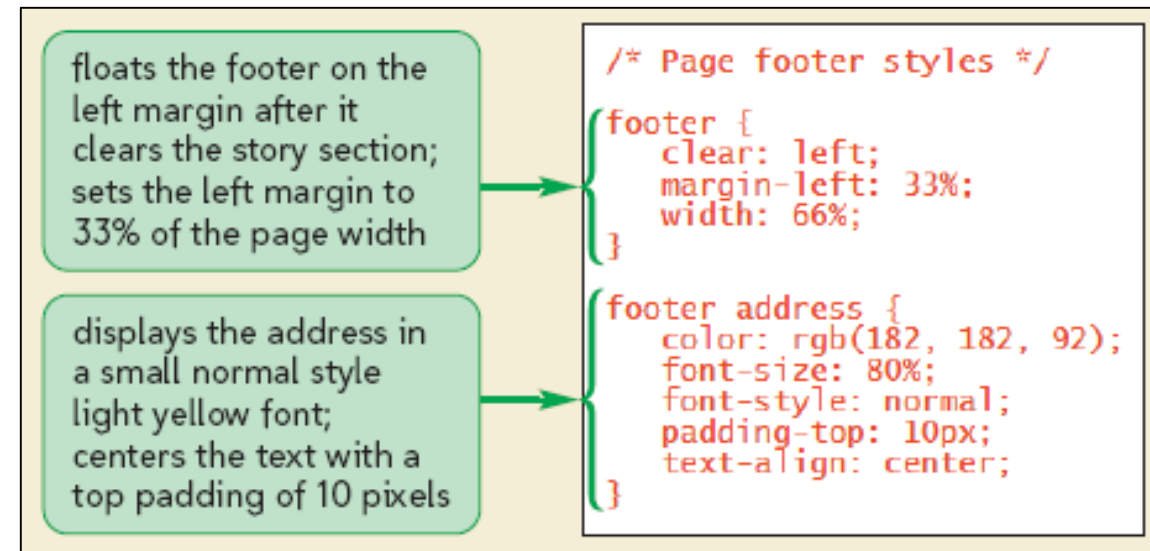
height of the aside element is set to 450 pixels

Style the page footer and address

- Go to the **cp_reset.css** file in your text editor. Scroll to the bottom of the file and delete the footer selector, along with its style comment. Saving your changes.
- Return to the **cp_styles.css** file in your text editor. At the bottom of the file, insert the following style rules for the page footer:

  / Page footer styles */*
  footer {
  	clear: left;
  	margin-left: 33%;
  	width: 66%;
  }

- Below the footer, add style rule for the address element:

  footer address {
  	color: rgb(182, 182, 92);
  	font-size: 80%;
  	font-style: normal;
  	padding-top: 10px;
  	text-align: center; }

floats the footer on the left margin after it clears the story section; sets the left margin to 33% of the page width

```
/* Page footer styles */

footer {
    clear: left;
    margin-left: 33%;
    width: 66%;
}
```

displays the address in a small normal style light yellow font; centers the text with a top padding of 10 pixels

```
footer address {
    color: rgb(182, 182, 92);
    font-size: 80%;
    font-style: normal;
    padding-top: 10px;
    text-align: center;
}
```

Cycle Pathology

From the President's Desk
— Dan Atwood

Hi fellow Cycle-Paths! The riding season is well underway and I'm recovering from the *Grand Mesa Century*, our first event of the summer tour schedule. Thanks to the volunteers who worked the relief and refreshment stations, and congratulations to all who finished.

Our next club meeting is Tuesday, July 8th at the DoubleTree Hotel in Grand Junction. Kaylee Frieze will talk about the upcoming *Gunnison Challenge* tour. Be sure to stay afterward for refreshments and fun.

About Cycle Pathology

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Route Sheets & Maps

Grand Junction Bike Fest

Off Road Cycling

Newsletter

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Upcoming Events

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August 24 *Copper Triangle*

Riding the Rim
— Kathy Rawlings

Rim Rock Drive in Colorado National Monument has tested many of the world's strongest riders, but is still accessible to the weekend cyclist. If you decide to *Tour the Moon*, here are some tips to help you have a great ride:

Keep Hydrated The canyon sun can quickly sap your energy. Make sure you carry plenty of water; there are no watering holes along the Rim.

Bring Lights All bikes must be equipped with front and rear lights for safe passage through the Rim's tunnels. Cyclists must use a white light visible at least 500 feet in front and a red light visible at least 200 feet from the rear.

Ride Single File Rim Rock Drive is narrow, with sheer drop-offs to the canyon valley. Leave plenty of room for drivers to pass you and your group.

Cycling in Colorado National Monument

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