

Typeface terminology

Serif

A serif is a small decorative flourish on the end of the strokes that make up letters and symbols.

Sans Serif

Sans Serif fonts do not have any flourishes at the end of strokes.

Monospaced

Monospaced fonts, letters, and characters each occupy the same amount of horizontal space.

Georgia
Times
Times New Roman

Arial
Verdana
Helvetica

Courier
Courier New



these are serifs

Times New Roman

SERIF FONT



Arial

SANS-SERIF FONT

TYPE OF WORK



PRINT

SERIF!



WEB

SANS



Default Web Fonts

Verdana

Arial

Arial Narrow

Arial Black

Helvetica

Century Gothic

Courier

Courier New

COPPERPLATE GOTHIC

Times

Times New Roman

Georgia

Geneva

Gill Sans

Tahoma

Trebuchet

Comic Sans

Impact

Palatino Linotype

Book Antiqua

Lucida Console

Lucida Sans Unicode

Serif

Sans-Serif

Font stack

It's important to understand that the browser will only display font if it's installed on user's computer.

Font stack - a collection of more than one typeface in an order of preference to be displayed in the browser if some of the typefaces are not found.

```
{  
font-family: Georgia, Courier, serif;  
}
```

Setting the font-family

- **font-family** property sets the font in your CSS
- Presented as a hierarchy of choices (1st choice, 2nd choice, 3rd choice) so it's good to have a fallback for older browsers that can't render

```
body {
```

```
    font-family: Georgia, Courier, serif;
```

```
}
```

```
h1, h2, h3 {
```

```
    font-family: Arial, Verdana, sans-serif;
```

```
}
```

Body text

1. Choose something simple. Sans Serif usually works well, but some serif can also be readable.
2. Make sure you can read it when you have a lot of it in a paragraph!
3. Choose something with multiple weights, such as bold and italics

Google Font API

Custom web fonts: Google Fonts

Add link in **<head>** of HTML

```
<link href="https://fonts.googleapis.com/css?
family=Roboto" rel="stylesheet">
```

Use with font-family property in CSS

```
font-family: 'Roboto', sans-serif;
```

[+ Download your Collection](#)

Showing
180
font families

Search:

Filters:

All categories

Any thickness

☒ Reset all filters/search

Script:

Latin

Word Sentence Paragraph

Preview Text: @font-fa

Size: 72 px Sorting: Date added

Redressed , 1 Style
Normal 400

@font-fa



Add to Collection

Nixie One , 1 Style
Normal 400

@font



Add to Collection

Lobster Two , 4 Styles
Normal 400

@font-fa



Add to Collection

Shadows Into Light , 1 Style
Normal 400

@font-f



Add to Collection

La Belle Aurore , 1 Style
Normal 400

@font-f



Add to Collection

Zeyada , 1 Style
Normal 400

@font-f



Add to Collection

Cedarville Cursive , 1 Style
Normal 400

@font-



Add to Collection

Kameron , 2 Styles
Normal 400

@font-



Add to Collection

Lora , 1 Style
Normal 400

@font-



Add to Collection

Artifika , 1 Style
Normal 400

@font



Add to Collection

Playfair Display , 1 Style
Normal 400

@font-



Add to Collection

Limelight , 1 Style
Normal 400

@font



Add to Collection

Tenor Sans , 1 Style
Normal 400

@font



Add to Collection

Maven Pro , 4 Styles
Normal 400

@font-



Add to Collection

Muli , 4 Styles
Normal 400

@font.



Add to Collection

Podkova , 1 Style
Normal 400

@font-



Add to Collection

Wire One , 1 Style
Normal 400

@font-fa



Add to Collection

Nunito , 3 Styles
Normal 400

@font-



Add to Collection

Brawler , 1 Style
Normal 400

@font.



Add to Collection

Ruslan Display , 1 Style
Normal 400

@FONT



Add to Collection

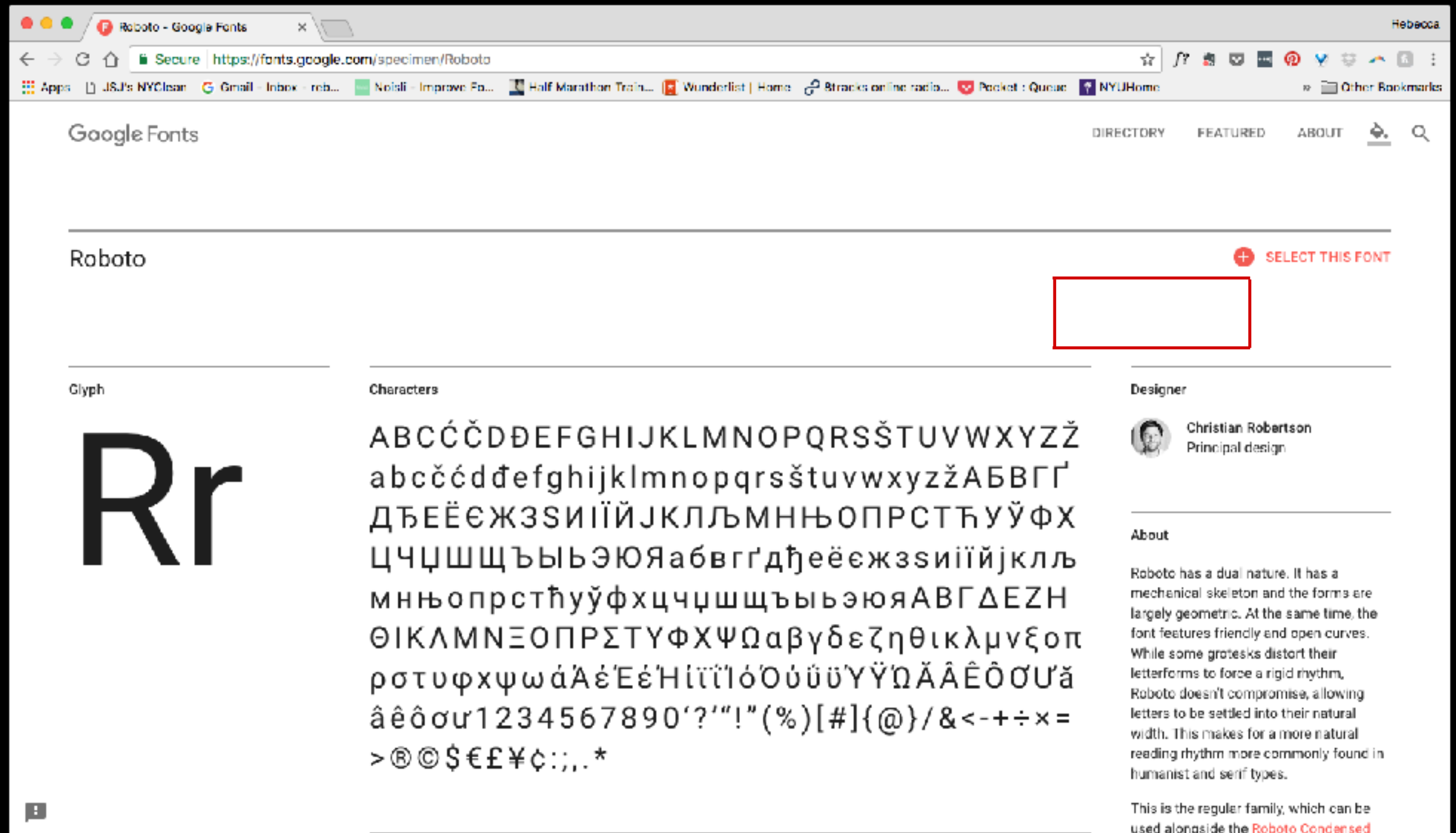
0 font families in your Collection

Choose

Review

Use

Google Fonts: step 1



The screenshot shows the Google Fonts website for the Roboto font. The browser's address bar displays the URL <https://fonts.google.com/specimen/Roboto>. The page features the Google Fonts logo, navigation links for DIRECTORY, FEATURED, and ABOUT, and a search icon. The main heading is "Roboto", with a red "+ SELECT THIS FONT" button to its right. Below the heading, there are three columns: "Glyph" showing large "Rr" characters, "Characters" displaying a full range of characters including Latin, Greek, Cyrillic, and various symbols, and "Designer" featuring a profile picture of Christian Robertson and his role as Principal design. An "About" section describes the font's dual nature as both mechanical and friendly. A red box highlights the "SELECT THIS FONT" button.

Roboto + SELECT THIS FONT

Glyph

Characters

ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyzАБВГГ'ДЪЕЁЄЖЗСИІЙЈКЛЉМНЊОПРСТЋУЎФХЦЧЏШЩЪЫЬЭЮЯабвгг'дђеёєжзсиіійјклљмнњопрстћуўфхцчџшщъыьэюяΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩαβγδεζηθικλμνξοπρστυφχψωάΈέ'Εέ'Ηίϊ'Ιό'Οού'Υϋ'ΩΆΆ'Εὸ'Ου'άâêôσϣ1234567890'?''"!(%)[#]{@}/&<-+÷×=>®©\$€£¥¢:;,.*

Designer

Christian Robertson
Principal design

About

Roboto has a dual nature. It has a mechanical skeleton and the forms are largely geometric. At the same time, the font features friendly and open curves. While some grotesks distort their letterforms to force a rigid rhythm, Roboto doesn't compromise, allowing letters to be settled into their natural width. This makes for a more natural reading rhythm more commonly found in humanist and serif types.

This is the regular family, which can be used alongside the **Roboto Condensed**

Google Fonts: step 2

Google Fonts

DIRECTORY FEATURED ABOUT

Roboto

Glyph

Characters

Rr

ABCČČDĎEFGHIJKLMNOP
abcčćdďefghijklmnopqrs
ДЂЕЁЄЖЗСИЇЙЈКЛЉМН
ЦЧЏШЩЪЫЬЭЮЯабвггд
мнњопрстћуђфхцчшщъ
θΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩα
ρστυφхψωάΆέΈέΉίϊΐόΌ
âêôσι1234567890'?"'!"(%
>®©\$€£¥¢:;,.*

1 Family Selected

Your Selection [Clear All](#)

Roboto

EMBED CUSTOMIZE

Load Time **Fast**

Embed Font

To embed your selected fonts into a webpage, copy this code into the <head> of your HTML document.

STANDARD @IMPORT

```
<link href="https://fonts.googleapis.com/css?family=Roboto" rel="stylesheet">
```

Specify in CSS

Use the following CSS rules to specify these families:

```
font-family: 'Roboto', sans-serif;
```

For examples of how fonts can be added to webpages, see the [getting started guide](#).

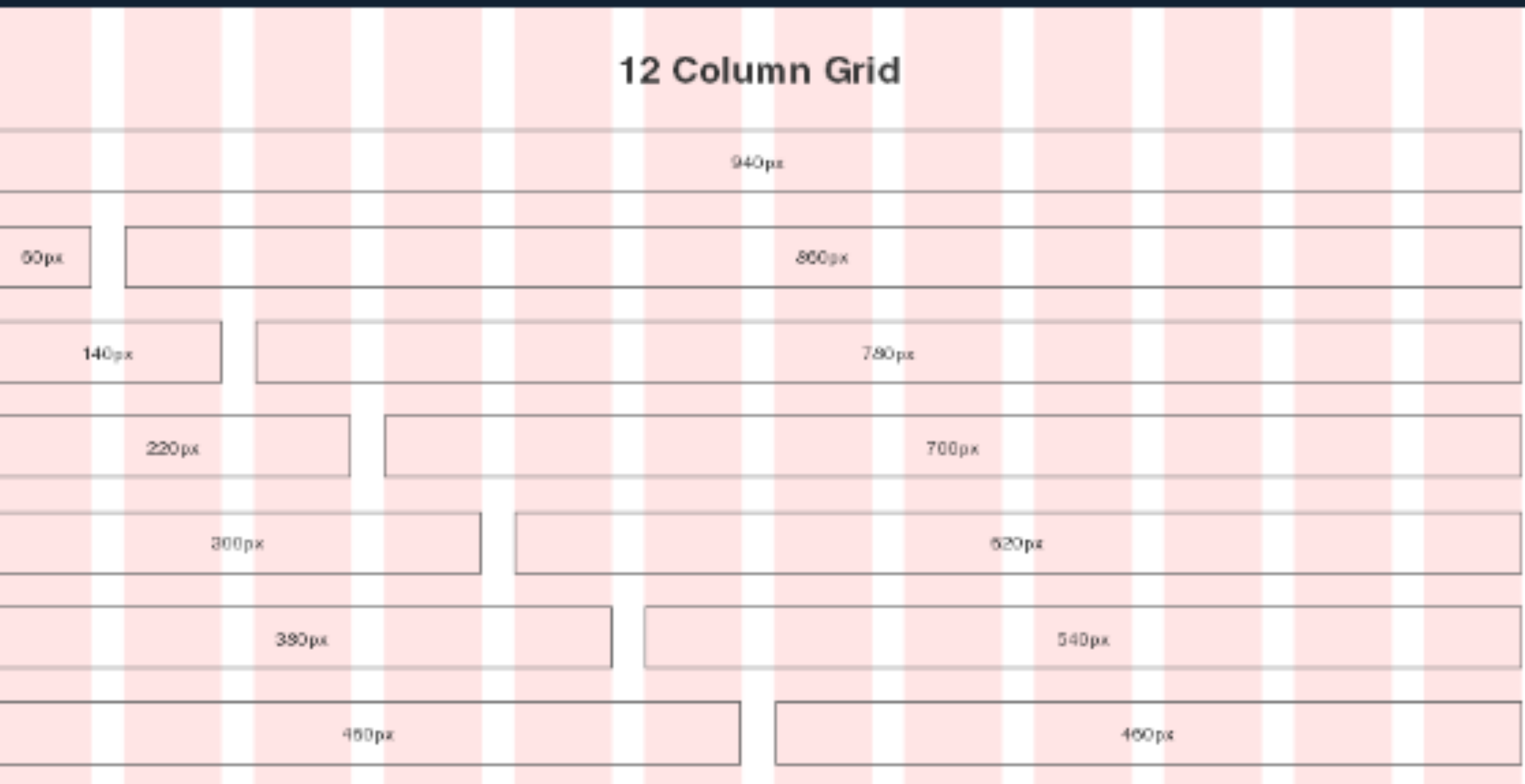
**remember to
return to the
wiki for
tools,
resources +
inspiration**

Inspiration + Resources:

- Good website design!
 - [SiteInspire](#)
 - [Brutalist Websites](#)
 - [SiteSee](#)
 - [Awwwards](#)
- Good web typography!
 - [Google Font API](#)
 - [Google Chrome Plug-in - What Font is that?](#)
 - [Typewolf](#)
 - [Fonts in Use](#)
 - [Canva - Font Pairing](#)
 - [Canva - Font Pairing Tool](#)
 - [Type.io](#)
- [W3 - CSS Box Model](#)
- [Chrome Developer Tools](#)
- [Responsive Meta Tag](#)

960 Grid System

12 Column Grid



Responsive web design makes your web page look good on all devices.

Responsive web design uses only HTML and CSS.

Responsive web design is not a program or a JavaScript file.


Responsive Web Design

The Pulpit Rock

- The Drive
- The Walk

The Walk

The walk to the Pulpit Rock will take you approximately two hours, give or take an hour depending on the weather conditions and your physical shape.



What?
The Pulpit Rock is a part of a mountain that looks like a pulpit.

Where?
The Pulpit Rock is in Norway


Price?
The walk is free!

The Pulpit Rock

- The Drive
- The Walk

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The walk to the Pulpit Rock will take you approximately two hours, give or take an hour depending on the weather conditions and your physical shape.



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The Walk

The walk to the Pulpit Rock will take you approximately two hours, give or take an hour depending on the weather conditions and your physical shape.



What?
The Pulpit Rock is a part of a mountain that looks like a pulpit.

Where?
The Pulpit Rock is in Norway

Price?
The walk is free!

ion of fluid web design made by www.w3schools.com. Resize the browser window to see the content response to the resizing.

Responsive web design makes your web page look good on all devices.

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Desktop



Tablet



Phone

Content
adapts to fit any device

Metadata: `viewport`

The user's visible area of a web page

HTML5 introduced a method to let web designers take control over the viewport, through the `<meta>` tag.

<!

- - Tells the browser to match the device's width for the viewport
- Sets an initial zoom value -->

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

`<meta name="viewport" content="width=device-width, initial-scale=1.0">`



without



with

Guidelines

Users are used to scrolling websites vertically, not horizontally!

Do NOT use large fixed—width elements (such as large images)

Do NOT let the content rely on a particular viewport width

Use CSS media queries to apply different styling for small and large screens

Let's breakdown the `content` value of this responsive meta tag:

Values are comma separated, letting you specify a list of values for `content`

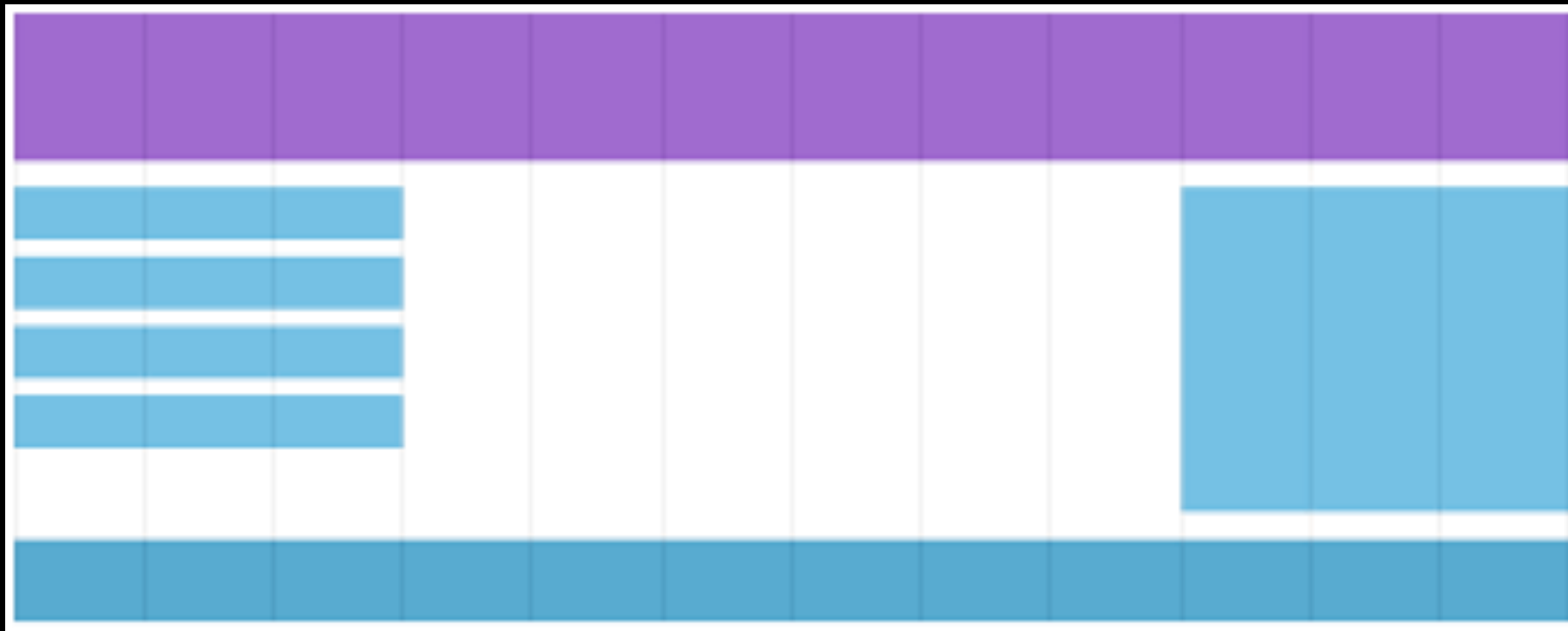
The `width` value is set to `device-width`. This will cause the browser to render the page at the same width of the device's screen size.

`initial-scale` set to `1` indicates the "zoom" value if your web page when it is first loaded. `1` means "no zoom."

There are other values you can specify for the `content` list...

****NOTE**** You should *not* include the responsive meta tag in your code unless your website is set up to work responsively across different devices.

1 option: Use a grid



A responsive grid-view often has 12 columns, and has a total width of 100%, and will shrink and expand as you resize the browser window.

example: https://www.w3schools.com/Css/css_rwd_grid.asp

Media Queries

Uses the @media rule to include a block of CSS properties only if a certain condition is true

Example

```
@media only screen and (max-width) {  
  body {  
    background-color: light blue;  
  }  
}
```

If max-width is 500 pixels,
make background color blue

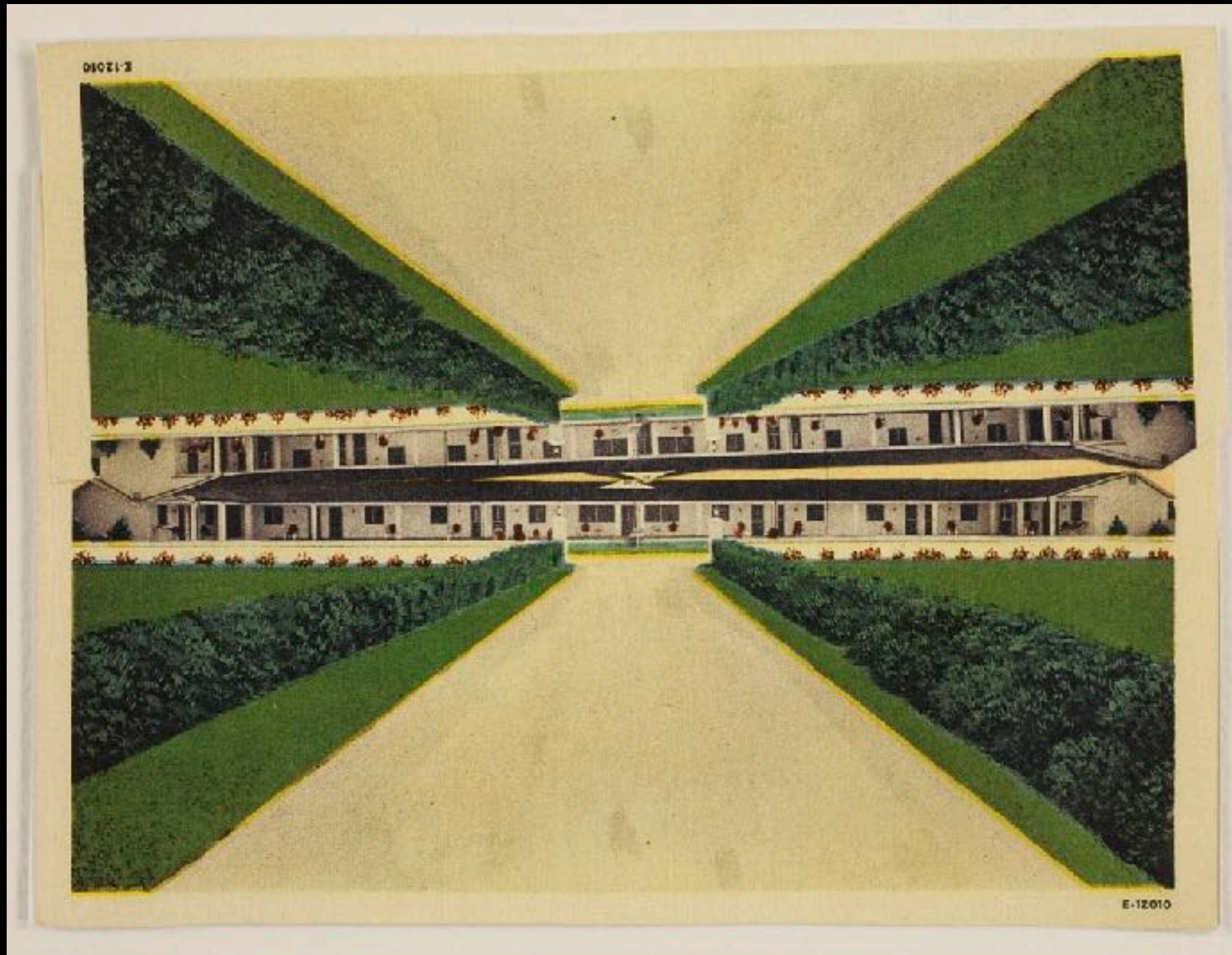
Breakpoint

```
/* For mobile phones: */  
[class*="col-"] {  
    width: 100%;  
}  
  
@media only screen and (min-width: 768px) {  
    /* For desktop: */  
    .col-1 {width: 8.33%;}  
    .col-2 {width: 16.66%;}  
    .col-3 {width: 25%;}  
    .col-4 {width: 33.33%;}  
    .col-5 {width: 41.66%;}  
    .col-6 {width: 50%;}  
    .col-7 {width: 58.33%;}  
    .col-8 {width: 66.66%;}  
    .col-9 {width: 75%;}  
    .col-10 {width: 83.33%;}  
    .col-11 {width: 91.66%;}  
    .col-12 {width: 100%;  
}
```

add a **breakpoint** where certain parts of the design will behave differently on each side of the breakpoint

many examples: https://www.w3schools.com/Css/css_rwd_mediaqueries.asp

If the max-width property is set to 100%, the image will scale down if it has to, but never scale up to be larger than its original size



```

```


Mobile-first! (Images)



```
/* For width smaller than 400px: */
```

```
body {  
    background-image: url('void_newspaper.jpg');  
}
```



```
/* For width 400px and larger: */
```

```
@media only screen and (min-width: 400px) {  
    body {  
        background-image: url('void.jpg');  
    }  
}
```

Responsive Text

The text size can be set with a "vw" unit, which means the "viewport width".

That way the text size will follow the size of the browser window.

```
<h1 style="font-size:10vw">Hello World</h1>
```

Responsive Frameworks

Responsive frameworks are templates of responsive stylesheets

Examples: W3.CSS, Bootstrap (JavaScript)

Examples: https://www.w3schools.com/html/html_responsive.asp