Responsive Web Design

The Pulpit Rock

The Drive

The Walk

The Walk

The Pulpit Rock

The Orion

The state

Tre Cod

The Salaro

The wisk is been

The Walk

walk to the Pulpit Rock will take you proximately two hours, give or take an hour pending on the weather conditions and your sical shape.

The sudicity the Pulpit floor will lake you approximately two bouns, give or lake an hour depending on the security conditions and your physical chaps.

What?
The indight Book is a part of a movembre that books like a pation
Where?
The Palpin Book is to Norway
Property

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 Built

Boot Stand Sta

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

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.



Desktop

Content adapts to fit any device





The 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.

Use it!

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





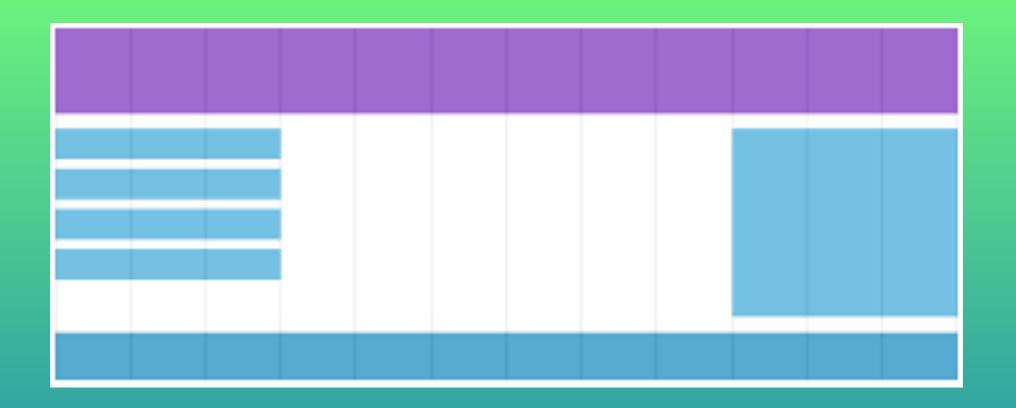
Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit augue duis dolore te feugait nulla facilisi. Nam liber tempor cum soluta nobis eleifend ontion conque nihil imperdiet doming

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

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: 500px) {
    body {
       background-color: lightblue;
    }
}
```

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

Breakpoint

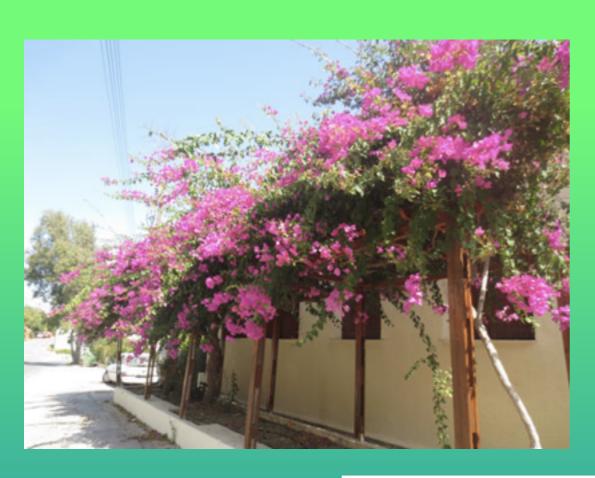
```
/* For mobile phones: */
[class*="col-"] {
  width: 100%;
@media only screen and (min-width: 768px) {
  /* For desktop: */
  .col-1 {width: 8.33%;}
  .col-2 {width: 16.66%;}
  .col-3 {width: 25%;}
  .col-4 {width: 33.33%;}
  .col-5 {width: 41.66%;}
  .col-6 {width: 50%;}
  .col-7 {width: 58.33%;}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

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('img_smallflower.jpg');
}

/* For width 400px and larger: */
@media only screen and (min-width: 400px) {
   body {
    background-image: url('img_flowers.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

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

Responsive Frameworks

Responsive frameworks are templates of responsive stylesheets

Examples: W3.CSS, Bootstrap

Examples: html_responsive.asp