

Class 9: Responsive Web Design

A short history of web design for media

One Web and Mobile First

Adding flexibility to your layout

Flexible images?

Media queries

Fixed/Fluid/Adaptive/Responsive

Content-out

How to design websites now

References

Learning Web Design (5th Ed.) by Jennifer Robbins

Responsive Web Design (2nd Ed.) by Ethan Marcotte

Implementing Responsive Design by Tim Kadlec

The Mobile Book by Smashing Magazine chapters:

 Responsive Design Strategy by Trent Walton

 Responsive Design Patterns by Brad Frost

Responsible Responsive Design by Scott Jehl

Responsive Design: Patterns and Principles by Ethan Marcotte

Smashing Book #5: Real-Life Responsive Web Design

 A Modern Responsive Designer's Workflow by Dan Mall

 Responsive Design Patterns and Components by Vitaly Friedman

<http://alistapart.com/article/dao>

<http://alistapart.com/article/responsive-web-design/>

<http://mediaqueri.es/>

<http://learn.shayhowe.com/advanced-html-css/responsive-web-design/>

<http://coding.smashingmagazine.com/2011/01/12/guidelines-for-responsive-web-design/>

<http://blog.teamtreehouse.com/beginners-guide-to-responsive-web-design>

```
/* Media Queries for Gallery */
@media (min-width: 700px) {
  .gallery img {
    width: 48%; /* two images wide: (48 x 2) + 4 = 100%; */
  }
  .gallery img:nth-child(even) { /* selecting even images */
    margin-left: 4%;
  }
}

@media (min-width: 1200px) {
  .gallery img {
    width: 23.5%; /* four images wide: (23.5 x 4) + (2 x 3) = 100%; */
  }
  .gallery img:nth-child(n+2) { /* selecting all but the first image */
    margin-left: 2%;
  }
}
```

An example of media queries taking a “mobile first” approach (*min-width*).

Course materials: websitearchitecture.co.uk/core-courses/design-for-web-content/

Class 9 Homework

Read: Responsive Web Design (if you haven't already done so!)

Chapter 18 of Learning Web Design

Watch the video at Lynda.com:

<https://www.lynda.com/HTML-tutorials/Responsive-Layout/743192-2.html>

Continue with the Small Business Website project. Remember, that project only needs to be fixed width, not responsive.