

Responsive Design

- A page that uses available size
- HTML is naturally responsive!
 - but then we mess it up with styling

Adaptive Design

- changing layout at certain breakpoints

How?

TL;DR: Media queries

- CSS operates off of 2+ options for layout
 - based on viewport dimensions
 - reorder elements in layout
 - collapse menus

Simple example

Page:

- header
- menu
- content
- footer

Desktop size:

- Vertical to right of main content

Mobile size:

- Horizontal menu across top of main content

But Mobile!

DevTools has many preset mobile options

- Why doesn't the mobile work?!
- Desktop resizing does!

Mobile Cheats

- Layout viewport
 - Media query checks!
- Visual viewport
 - Allows for zoom and pan

Most mobile devices render as if a larger size

- then zoom out

Override with

```
<meta name="viewport" content="width=device-width">
```