Responsive Web

What is responsive web?

An approach to [web design](#) aimed at crafting sites to provide an optimal viewing and interaction experience—easy reading and navigation with a minimum of resizing, panning, and scrolling—across a wide range of devices (from desktop computer monitors to mobile phones).

@media

Media queries allow the page to use different CSS style rules based on characteristics of the device the site is being displayed on, most commonly the width of the browser

More info

http://www.smashingmagazine.com/2011/01/guidelines-for-responsive-web-design/

Simple Example

Media Rule **Media Type** **Media Feature**

```
@media screen and (max-width: 600px) {
    body {
        font-size: 80%;
    }
}
```

Media type

all - Used for all media type devices
print - Used for printers
screen - Used for computer screens, tablets, smart-phones etc.
speech - Used for screen readers that "reads" the page out loud

Understanding Media Features

Common Media Features

- ▶ max-width - Sets CSS for media smaller than a number
- ▶ min-width - Sets CSS for media bigger than a number
- ▶ You decide max-width & min-width based on pixel dimensions

http://www.sitepoint.com/media-queries-look-different-media-features/