Fluid Measurements

Fluid measurements

- Eloquent speakers can talk about the artistry of responsive design. I can't.

- Your content should fit the size constraints of the viewport.

- Vertical scrolling is about content, horizontal scrolling is bad design.

Absolute measurements

- px
  - One device pixel (dot) of the display. (1px is equal to 1/96th of 1in)

- mm, cm, in

- pt
  - One point (which is 1/72 of an inch).

- pc
  - One pica (which is 12 points).

Relative measurements

- %

    percentage values are always relative to another value, for example a length

- em

    font size of the element

- rem

    font size of the **root** element

- 1em = 12pt = 16px = 100%

- 1in = 2.54cm = 25.4mm = 72pt = 12pc

Relative measurements

- vw

  viewport's width, 1/100th of the width of the viewport.

- vh

  viewport's height, 1/100th of the height of the viewport.

Review

- There are times that you will want to hardcode values.

- Fluid/relative measurements will respond to viewport size.

Acknowledgements/Contributions