

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

- $1\text{em} = 12\text{pt} = 16\text{px} = 100\%$
- $1\text{in} = 2.54\text{cm} = 25.4\text{mm} = 72\text{pt} = 12\text{pc}$

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

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