

# REF #2 CSS Sizing

- Every property used in CSS has a value type defining the set of values that are allowed for that property.
- A value type in CSS is a way to define a collection of allowable values.

## Sizing

- HTML Elements have a natural size, set before they are affected by any CSS.

## Absolute length units

- The following are all **absolute** length units — they are not relative to anything else, and are generally considered to always be the same size.

Unit	Name	Equivalent to
cm	Centimeters	1cm = 37.8px = 25.2/64in
mm	Millimeters	1mm = 1/10th of 1cm
Q	Quarter-millimeters	1Q = 1/40th of 1cm
in	Inches	1in = 2.54cm = 96px
pc	Picas	1pc = 1/6th of 1in
pt	Points	1pt = 1/72nd of 1in
px	Pixels	1px = 1/96th of 1in

## Relative length units

- **Relative** length units are used in web development and they are based on something else, like the size of the parent element's font or the size of the screen.
- If you plan it right, relative length units can make sure that the size of text or other elements on a web page change in relation to everything else on the page.

Unit	Relative to
%	Size of the containing block
lh	Line height of the element.
vw	1% of the viewport's width.
vh	1% of the viewport's height.
vmin	1% of the viewport's smaller dimension.
vmax	1% of the viewport's larger dimension.

# Additional Material

- **Learn more**
  - [Mozilla](#)