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# CSS units

you should know





Every property in CSS has **a value**, the CSS units have a role to determine the **size of the property** you set your content or element.



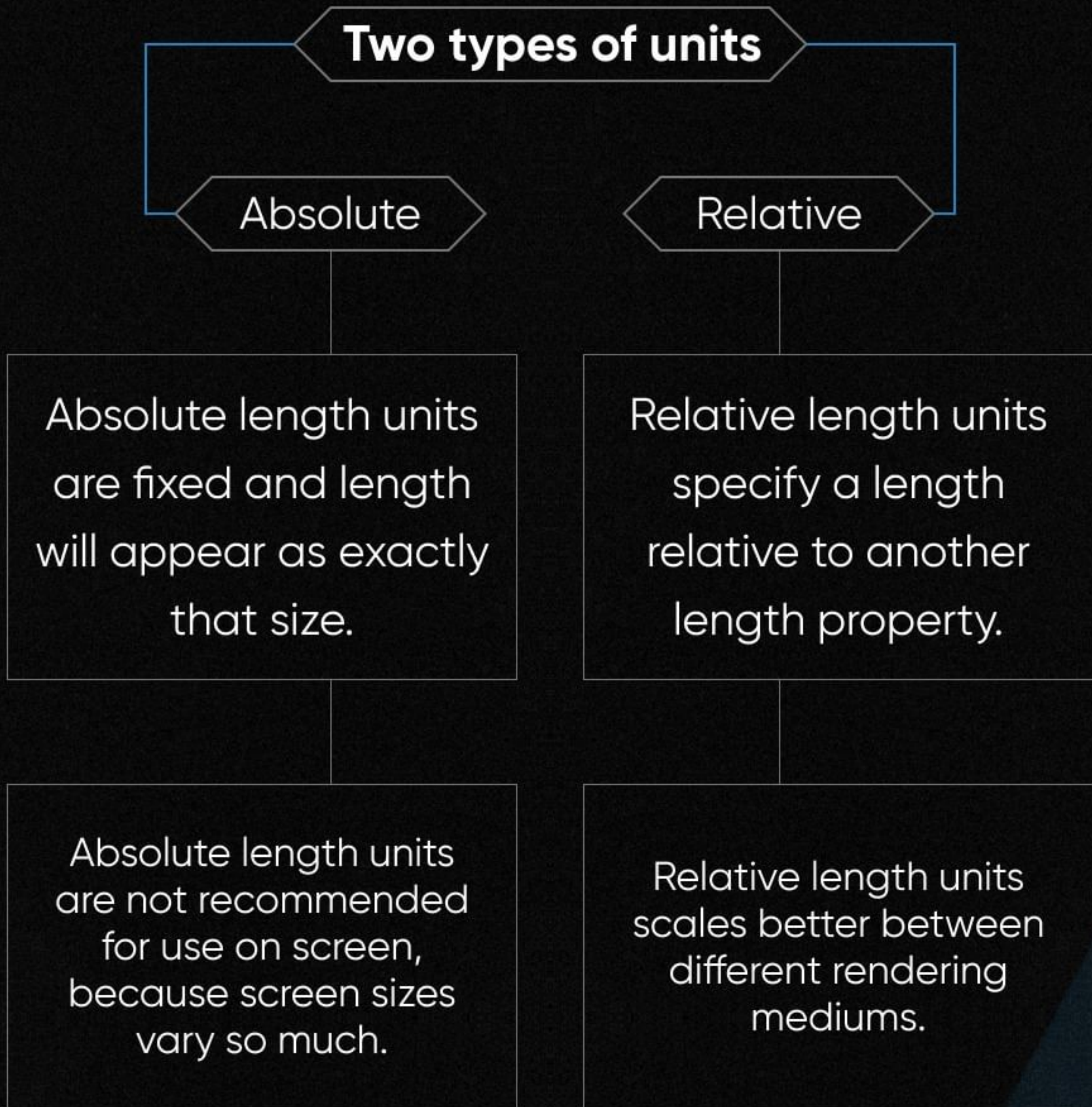
```
h1 {  
  font-size: 24px  
}
```

24 is the value and  
px (pixel) is the unit  
for h1 fontsize

CSS has several **different units** for expressing a length. Many CSS properties take "length" values, such as width , margin , padding , font-size , etc.

*Note:* Some CSS properties can also have negative lengths!





swipe and understand  
better with examples



Swipe →





Absolute Units

Unit	Description
cm	centimeters
mm	millimeters
in	inches (1in = 96px = 2.54cm)
px	pixels (1px = 1/96th of 1in)
pt	points (1pt = 1/72 of 1in)
pc	picas (1pc = 12pt)





## Relative Units

Unit	Description
<b>em</b>	Relative to the font-size of the element
<b>ex</b>	Relative to the x-height of the current font
<b>ch</b>	Relative to width of the "0" (zero)
<b>rem</b>	Relative to font-size of the root element
<b>vw</b>	Relative to 1% of the width of the viewport
<b>vh</b>	Relative to 1% of the height of the viewport
<b>vmin</b>	Relative to 1% of viewport's smaller dimension
<b>vmax</b>	Relative to 1% of viewport's larger dimension
<b>%</b>	Relative to the parent element



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