CIS233DA

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**Research 2a: CSS Measurements**

When using measurements on CSS there are various different options for what kind of measurement units you can use accordingly to different situations. There is both absolute units and relative units.

**Absolute Units** are exact measurements used for precise measurements that do not change by other elements.

**-Pixels(px):** Represent physical dot on the screen

**-in/cm/mm:** Based on real life measurements (less common due to different screen sizes)

**Relative Units** are kind of the opposite, they are measurements that can change accordingly to the context/elements like the size of the page.

**-Percenetages (%):**Takes up given percentage of the parent container.

**-Viewport Width (vw) and View Height (vh):** Represent a percentage of the viewports width or height regardless of the users screen

**-Em(em):** Based on the font-sized of the parent element (used for things like cascading effects to inherit font size of parent)

**-Rem(rem):** Based on the root element’s font size (commonly refers to <html> element). Good way to make a consistent sizing throughout the whole page with-out being affected by nested element font-sizes.  
**-Viewport-Percentage lengths (vmin/vmax):** Based on the smaller or larger size of the viewport