

Font-relative units

ex, ch, cap, ic and lh (and the root-element rex/rch/rcap/ric/r $\overline{lh}$) are measured from the font an element actually uses.

ch: the width of the "0" glyph

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Source Code Pro, 20pt, width: 20ch (blue) vs. the old 0.5em approximation (grey)

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Source Sans 3, 20pt, width: 20ch - a proportional font, so a different width

ex and cap: the x-height and cap height

xxxx HHHH

boxes 1ex tall (blue) and 1cap tall (pink), for comparing their heights with a lowercase x and a capital H

lh: the used line-height

line-height: 18pt - each row is 1lh tall

second row

third row

line-height: 1.6 - each row is 1lh tall

second row

third row

Root-element forms follow the root, not the element

html is 12pt Source Sans 3. Both bars sit in a 30pt Source Code Pro box, but the blue bar is 10rch - ten of the ROOT's zeros - while the green bar is 10ch of the box's own font

SVG






Widths, heights and the dashed stroke in ch/em/cap against Source Code Pro; the text is ten zeros wide - the same ten as the blue bar's 10ch

MathML

$$a \quad b \quad c$$