

The valid units are:

"em" "ex" "px" "in" "cm" "mm" "pt" "pc" "%" "".

16px with 16DPI (defined in the image) == 1 inch



300, no unit == 300px at 300DPI == 1 inch



1in == 1 inch



2.54cm == 1 inch



25.4mm == 1 inch



72pt == 1 inch



7.2em with a 10pt base font == 1 inch



We use the broken IE definition of ex because it's easier.
So, 14.4 ex == 7.2 em with 10pt base font == 1 inch



1pc == 12pt == 1/6th inch, so 6pc == 1 inch



All the above images should be exactly 1 inch wide.



The above image should be exactly the width of the text area