

Have ever noticed that when you click on the Print Size button when you have the Zoom tool selected that if you measure the screen the dimensions are wrong?

Well I find this irritating sometimes. It would be nice to get this correct. Recently on Ben Willmore's site I found out to put right this Photoshop error. See [HERE](#)

First understand that Photoshop assumes that your monitor screen has a resolution of 72ppi. Well this was the case years ago but now screens are almost never like this. I found mine to be 91.64ppi for instance.

So how do we correct this?

1. Start by making a new file from File > New. Set the Width and Height to say 7 inches each and the resolution to 72ppi. Other settings do not matter. Click OK.
2. Now go to *View > Actual Pixels*.
3. Now hold up a ruler across the width of the screen and check what it measures. Say 6.2 inches i.e. wrong.
4. Adjust the percentage setting shown in the lower left so that the ruler reads correctly. To adjust the percentage just click on it and type in a new number. Press Shift + Return or Enter. This allows the percentage to stay highlighted to enable you to change it quickly and easily.
5. Once you have done this use the percentage and multiply by 72. When I did this on my screen I got 127%. When multiplied by 72 I got the answer of 91.64 [i.e. 1.27×72].
6. Now so that all our photos show correctly open up the Units and Rulers found under *Edit > Preferences > Units and Rulers*.
7. Set the Screen Resolution to the calculated number [91.64 for me] and click OK.
8. Now measure the 7 inch square. Is it right? It is possible it could still be wrong by a large amount. Now try select the Zoom Tool and from the Options bar click on the Print Size button. Does this make it correct? It should be right now. Any slight error could be because of the difficulty of measuring with a ruler on a curved screen and the thickness of the glass. But it will be much better than before
9. There is a point to note that Photoshop has another error in that the View > Print Size gives a different size to the Print Size button for the Zoom Tool. This has been corrected in CS3 more or less. But in general the Zoom Tool Print Size is the one to use for most versions of Photoshop.