# **Cross-device font-sizes**

How to scale your font-sizes across multiple devices based on screen size and viewing distance.

#### **Table of devices**

Device	Screen	Screen	Aspect	Screen	Screen	PPI	Viewing	Viewing	Font-size	
	width	height	ratio	height	width		distance	distance	(pixels)	
	(pixels)	(pixels)		(inches)	(inches)		(inches)	(pixels)		
Big monitor	1,920.00	1,080.00	1.78	13.50	24.00	80.00	30.00	2,400.00	10.00	1.25
laptop	1,440.00	900.00	1.60	8.18	13.09	110.02	18.00	1,980.44	10.00	1.38
iPad	1,024.00	768.00	1.33	5.82	7.76	131.96	16.00	2,111.34	10.00	2.06
iPhone	640.00	960.00	1.50	3.00	2.00	320.00	12.00	3,840.00	10.00	6.00
iPhone pixel doubling	320.00	480.00	1.50	3.00	2.00	160.00	12.00	1,920.00	10.00	6.00

#### Chaos

Size	Font	Diff	font diff	+px %	+font %	+font%
						stepped
480	100				4	
481	105	1	5	0.2	26.25	
768	130	287	25	11.48	32.5	2.27273
980	145	212	15	14.1333	36.25	2.5
1180	165	200	20	10	41.25	4
1980						
2400	200	1220	35	34.8571	50	3.5

### **Good stuff**

Size	padding		
480			
481	2.5		
768	3.5	0.09091	
980	8	0.75	
1180	10	0.4	12
1980	22	1.2	6
2400	23	0.2	2

This is a scratch pad, at best. I don't expect anyone to gain anything from looking at this, but here it is in case you'd like a closer look.

-Jason R.

## Screen width, font size, padding

481	11	padding	768	6	padding	980	5	padding	1180	10	padding	
507.25	107.273	2.59091	800.5	132.5	4.25	1016.25	149	8.4	1180	165	10	!!
533.5	109.545	2.68182	833	135	5	1052.5	153	8.8	1302	168.5	12	
559.75	111.818	2.77273	865.5	137.5	5.75	1088.75	157	9.2	1424	172	14	
586	114.091	2.86364	898	140	6.5	1125	161	9.6	1546	175.5	16	
612.25	116.364	2.95455	930.5	142.5	7.25	1161.25	165	10	1668	179	18	
638.5	118.636	3.04545	963	145	8				1790	182.5	20	
664.75	120.909	3.13636							1912	186	22	!!
691	123.182	3.22727							2034	189.5	22.2	
717.25	125.455	3.31818							2156	193	22.4	
743.5	127.727	3.40909							2278	196.5	22.6	
769.75	130	3.5							2400	200	22.8	
									2522	203.5	23	!!