









Sign Making Information

Pixels	Inches	Inches	Pixels
1 px	0.010416666666819 inches	1 inches	95.99999998601 px
2 px	0.020833333333637 inches	2 inches	191.999999972 px
3 px	0.031250000000456 inches	3 inches	287.999999958 px
4 px	0.041666666667274 inches	4 inches	383.999999944 px
5 px	0.052083333334093 inches	5 inches	479.99999993 px
6 px	0.062500000000911 inches	6 inches	575.999999916 px
7 px	0.07291666666773 inches	7 inches	671.999999902 px
8 px	0.083333333334548 inches	8 inches	767.999999888 px
9 px	0.093750000001367 inches	9 inches	863.999999874 px
10 px	0.10416666666819 inches	10 inches	959.999999860 px
11 px	0.114583333335 inches	11 inches	1055.999999846 px
12 px	0.12500000000182 inches	12 inches	1151.999999832 px
13 px	0.13541666666864 inches	13 inches	1247.999999818 px
14 px	0.14583333333546 inches	14 inches	1343.999999804 px
15 px	0.15625000000228 inches	15 inches	1439.99999979 px
16 px	0.1666666666691 inches	16 inches	1535.999999776 px
17 px	0.17708333333591 inches	17 inches	1631.999999762 px
18 px	0.18750000000273 inches	18 inches	1727.999999748 px
19 px	0.19791666666955 inches	19 inches	1823.999999734 px

Font Details

Distance Legibility Chart		<small>Note: This is a general guide for letter height, but does not take letter thickness into account.</small>	
Letter Height	Legible Viewing Distance	Letter Height	Legible Viewing Distance
5/16"	7'	9"	300'
1/2"	12'	12"	395'
3/4"	18'	14"	440'
1"	25'	18"	560'
1 1/2"	36'	24"	750'
2"	49'	36"	1130'
3"	74'	48"	1500'
4"	113'	72"	2230'
6"	150'	96"	3000'

Patriot Sign Solutions, LLC - 2015

Viewing Distance (in feet)	Capital Letter Height (Inches)	Recommended Sign Size	Application PedXing Vehicle
20 ft or less	3/4"	12 x 12" / 12 x 18"	
up to 27 ft	1"	12 x 18" / 18 x 18"	
up to 41 ft	1-1/2"	12 x 18" / 18 x 18"	
up to 55 ft	2"	12 x 18" / 18 x 24"	
up to 83 ft	3"	*12 x 18" / **18 x 24"	
up to 111 ft	4"	18 x 24" / 24 x 24" / 24 x 30"	
up to 167 ft	6"	30 x 30" / 36 x 36" and up	
up to 251 ft	9"	48 x 48" and up	

*12 x 18" signs with 3" text, copy on sign must be brief and concise
 ** 18 x 24" signs with 3" text will allowed more copy than 12 x 18"

Point Equivalents - The font size measured in points (as on word processing) equivalent in inches.

6pt - 1/16"	8pt - 5/64"
10pt - 3/32"	12pt - 1/8"
14pt - 5/32"	18pt - 3/16"
24pt - 1/4"	36pt - 3/8"
48pt - 1/2"	60pt - 5/8"
72pt - 3/4"	96pt - 1"

PTS SIZE APPROXIMATE LETTERS PER INCH

8 PTS 5/64" 14 LETTERS PER INCH

10 PTS 3/32" 11 LETTERS PER INCH

12 PTS 1/8" 9 LETTERS PER INCH

14 PTS 5/32" 8 LETTERS PER INCH

16 PTS 11/64" 7 LETTERS PER INCH

18 PTS 3/16" 6 LETTERS PER INCH

24 PTS 1/4" 5 LETTERS PER INCH

30 PTS 5/16" 4 LETTERS PER INCH

36 PTS 3/8" 3 LETTERS PER INCH

48 PTS 1/2" 2 LETTERS PER INCH

Decimal Equivalents - The font size measured in inches equivalent in decimal place.

1/64" - .015625 (.396mm)	17/64" - .265625 (6.746mm)	33/64" - .515625 (13.096mm)	49/64" - .765625 (19.446mm)
1/32" - .03125 (.793mm)	9/32" - .28125 (7.143mm)	17/32" - .53125 (13.493mm)	25/32" - .78125 (19.843mm)
3/64" - .046875 (1.190mm)	19/64" - .296875 (7.540mm)	35/64" - .546875 (13.890mm)	51/64" - .796875 (20.240mm)
1/16" - .0625 (1.587mm)	5/16" - .3125 (7.937mm)	9/16" - .5625 (14.287mm)	13/16" - .8125 (20.637mm)
5/64" - .078125 (1.984mm)	21/64" - .328125 (8.334mm)	37/64" - .578125 (14.684mm)	53/64" - .828125 (21.034mm)
3/32" - .09375 (2.381mm)	11/32" - .34375 (8.731mm)	19/32" - .59375 (15.081mm)	27/32" - .84375 (21.431mm)
7/64" - .109375 (2.778mm)	23/64" - .359375 (9.128mm)	39/64" - .609375 (15.478mm)	55/64" - .859375 (21.828mm)
1/8" - .125	3/8" - .375	5/8" - .625	7/8" - .875

(3.175mm)	(9.525mm)	(15.875mm)	(22.225mm)
9/64" - .140625 (3.571mm)	25/64" - .390625 (9.921mm)	41/64" - .640625 (16.271mm)	57/64" - .890625 (22.621mm)
5/32" - .15625 (3.968mm)	12/32" - .40625 (10.318mm)	21/32" - .65625 (16.668mm)	29/32" - .90625 (23.018mm)
11/64" - .171875 (4.365mm)	27/64" - .421875 (10.715mm)	43/64" - .671875 (17.065mm)	59/64" - .921875 (23.415mm)
3/16" - .1875 (4.762mm)	7/16" - .4375 (11.112mm)	11/16" - .6875 (17.462mm)	15/16" - .9375 (23.812mm)
13/64" - .203125 (5.159mm)	29/64" - .453125 (11.509mm)	45/64" - .703125 (17.859mm)	61/64" - .953125 (24.209mm)
7/32" - .21875 (5.556mm)	15/32" - .46875 (11.906mm)	23/32" - .71875 (18.256mm)	31/32" - .96875 (24.606mm)
15/64" - .234375 (5.953mm)	31/64" - .484375 (12.303mm)	47/64" - .734375 (18.653mm)	63/61" - .984375 (25.003mm)
1/4" - .25 (6.350mm)	1/2" - .5 (12.700mm)	3/4" - .75 (19.050mm)	1" - 1. (25.400mm)

Fonts Chart

- | | |
|--|-----------------------------|
| 1 Arial Narrow | 27 Limerick Serial DB |
| 2 Arial Bold | 28 MarlboroWide |
| 3 Aarvark Cafe | 29 Matura MJ7 Script |
| 4 Babylon5 | 30 Melbourne Serial DB |
| 5 Baskerville Black SSI | 31 Memto |
| 6 Bauhaus Md BT | 32 Mesouran Serif Black SSI |
| 7 Bellamy Bold | 33 Poor Richard |
| 8 Belwe Cn BT | 34 Ragtime Medium |
| 9 Black Chancery | 35 RaleighH |
| 10 Calligrapher | 36 Rockwell Condensed |
| 11 Casablanca | 37 Romana BT |
| 12 Cooper | 38 Seagull Hv BT |
| 13 COPPERPLATE GOTHIC BOLD
only available in Caps | 39 SIGNBOARD |
| 14 Derringer DB | 40 Sigvar |
| 15 Diamante LH | 41 StaffordLH bold |
| 16 DomBold BT | 42 Swiss 721 BlkCn BT |
| 17 Egyptian505 BT | 43 Taipei |
| 18 Euromode | 44 Tiffany Hv BT |
| 19 Georgia | 45 UniversityRoman BT |
| 20 GREYHOUND Bold | 46 VagRounded BT |
| 21 Harlow Solid Italic | 47 Vahika |
| 22 Impact | 48 VeracruzLH |
| 23 KALEIDOSKOP
only available in Caps | 49 Verona |
| 24 Korinna BT | 50 Windsor Condensed |
| 25 Latin725 Md BT | 51 Worcester |
| 26 Magik | 52 ZapfChan Bd BT |

Fonts are different:

1 inch = 72 Points or 6 Picas

1 pica = 12 points

Example: Times New Roman results in a

¼" reduction in the actual size:

72p = .75 inch, 90=1, 108=1.25, 126=1.5,
144=1.75, 162=2, 180=2.25, 198=2.5