

# M.A.S. Industries

## Letter Visibility and Fractions Conversion Charts

### LETTER VISIBILITY CHART

MAX. READABLE DISTANCE	READABLE DISTANCE FOR MAX. IMPACT	LETTER HEIGHT
100'	30'	3"
150'	40'	4"
200'	60'	6"
350'	80'	8"
400'	90'	9"
450'	100'	10"
525'	120'	12"
630'	150'	15"
750'	180'	18"
1000'	240'	24"
1250'	300'	30"
1500'	360'	36"
1750'	420'	42"
2000'	480'	48"
2250'	540'	54"
2500'	600'	60"

**NOTE:** Distances will vary approx. 10% with various color combinations. 5,280' equals one (1) mile. Max. distance in color would be RED or BLACK on white background. Prepared by the California Institute of Technology.

FRACTIONS • DECIMALS • MILLIMETERS

	DECIMAL	MM
1/64	.0156	0.396
1/32	.0312	0.793
3/64	.0468	1.190
1/16	.0625	1.587
5/64	.0781	1.984
3/32	.0937	2.381
7/64	.1093	2.778
1/8	.125	3.175
9/64	.1406	3.571
5/32	.1562	3.968
11/64	.1718	4.365
3/16	.1875	4.762
13/64	.2031	5.159
7/32	.2187	5.556
15/64	.2343	5.953
1/4	.250	6.350
17/64	.2656	6.746
9/32	.2812	7.143
19/64	.2968	7.540
5/16	.3125	7.937

21/64	.3281	8.334
11/32	.3437	8.731
23/64	.3593	9.128
3/8	.375	9.525
25/64	.3906	9.921
13/32	.4062	10.318
27/64	.4218	10.715
7/16	.4375	11.112
29/64	.4531	11.509
15/32	.4687	11.906
31/64	.4843	12.303
1/2	.500	12.700
33/64	.5156	13.096
17/32	.5312	13.493
35/64	.5468	13.890
9/16	.5625	14.287
37/64	.5781	14.684
19/32	.5937	15.081
39/64	.6093	15.478
5/8	.625	15.875
41/64	.6406	16.271
21/32	.6562	16.668

43/64	.6718	17.065
11/16	.6875	17.462
45/64	.7031	17.859
23/32	.7187	18.256
47/64	.7343	18.653
3/4	.750	19.050
49/64	.7656	19.446
25/32	.7812	19.843
51/64	.7968	20.240
13/16	.8125	20.637
53/64	.8281	21.034
27/32	.8437	21.431
55/64	.8593	21.828
7/8	.875	22.225
57/64	.8906	22.621
29/32	.9062	23.018
59/64	.9218	23.415
15/16	.9375	23.812
61/64	.9531	24.209
31/32	.9687	24.606
63/64	.9843	25.003
1	1.000	25.400

**MIL** -Unit of measure equal to one thousandth of an inch.

**MM** -Abbreviation for Millimeter. Unit of measure equal to one thousandth of a meter.

➤ To convert MM into INCHES - multiply by .03937

➤ To convert INCHES into MM - multiply by 25.40

**METRIC EQUIVALENTS**

1 Millimeter..... .0397 Inches

1 Centimeter..... .3937 Inches

2.54 Centimeters..... 1 Inch

.3048 Meters..... 1 Foot

1 Meter..... 39.37 Inches

.09144 Meters..... 1 Yard

1 MM = .039"

2 MM = .079"

3 MM = .118"

4 MM = .158"

5 MM = .197"

6 MM = .236"

- APPROXIMATE -



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