

# METRIC SYSTEM DISTANCE UNITS

Official Metric Conversion Reference Chart

UNIT NAME	SYMBOL	POWER OF 10	BASE METER EQUIVALENT
Kilometer	km	$10^3$	1,000 m
Hectometer	hm	$10^2$	100 m
Decameter	dam	$10^1$	10 m
<b>Meter</b>	<b>m</b>	<b><math>10^0</math></b>	<b>1 m</b>
Decimeter	dm	$10^{-1}$	0.1 m
Centimeter	cm	$10^{-2}$	0.01 m
Millimeter	mm	$10^{-3}$	0.001 m
Micrometer	μm	$10^{-6}$	0.000001 m
Nanometer	nm	$10^{-9}$	0.000000001 m

*Note: 10 millimeters = 1 centimeter | 100 centimeters = 1 meter | 1,000 meters = 1 kilometer*