

Conversion Charts

Take the pain out of converting measures and sieve sizes with these charts showing the relationships between U.S. customary units and SI (International System) units for commonly needed values like length, area, volume, mass, temperature & density.

SI (MODERN METRIC) CONVERSION FACTORS

Symbol	When You Know	Multiply By	To Find	Symbol
LENGTH				
[none]	MIL	25.4	MICROMETERS	mm
in	INCHES	25.4	MILLIMETERS	mm
ft	FEET	0.305	METERS	m
yd	YARDS	0.914	METERS	m
mi	MILES	1.61	KILOMETERS	km
mm	MICROMETERS	0.039	MIL	[none]
mm	MILLIMETERS	0.039	INCHES	in
m	METERS	3.28	FEET	ft
m	METERS	1.09	YARDS	yd
km	KILOMETERS	0.621	MILES	mi
AREA				
in ²	SQUARE INCHES	645.2	SQUARE MILLIMETERS	mm ²
ft ²	SQUARE FEET	0.093	SQUARE METERS	m ²
yd ²	SQUARE YARDS	0.836	SQUARE METERS	m ²
ac	ACRES	0.405	HECTARES	ha
mi ²	SQUARE MILES	2.59	SQUARE KILOMETERS	km ²
mm ²	SQUARE MILLIMETERS	0.0016	SQUARE INCHES	in ²
m ²	SQUARE METERS	10.764	SQUARE FEET	ft ²
m ²	SQUARE METERS	1.195	SQUARE YARDS	yd ²
ha	HECTARES	2.47	ACRES	ac
km ²	SQUARE KILOMETERS	0.386	SQUARE MILES	mi ²
VOLUME				
fl oz	FLUID OUNCES	29.57	MILLILITERS	mL
gal	GALLONS	3.785	LITERS	L
ft ³	CUBIC FEET	0.028	CUBIC METERS	m ³
yd ³	CUBIC YARDS	0.765	CUBIC METERS	m ³
mL	MILLILITERS	0.034	FLUID OUNCES	fl oz
L	LITERS	0.264	GALLONS	gal
m ³	CUBIC METERS	35.71	CUBIC FEET	ft ³
m ³	CUBIC METERS	1.307	CUBIC YARDS	yd ³
MASS				
oz	OUNCES	28.35	GRAMS	g
lb	POUNDS	0.454	KILOGRAMS	kg
T	(2000 LBS.)	0.907	MEGAGRAMS	(or T)
g	GRAMS	0.035	OUNCES	oz
kg	KILOGRAMS	2.202	POUNDS	lb
(or T)	MEGAGRAMS	1.103	(2000 LBS.)	T
m ³	CUBIC METERS	35.71	CUBIC FEET	ft ³

m^3 CUBIC METERS 1.307 CUBIC YARDS yd^3