

METRIC CONVERSIONS

APPROXIMATE CONVERSIONS
FROM STANDARD / US CUSTOMARY UNITS
TO SI / METRIC UNITS

SYMBOL	WHEN YOU KNOW	MULTIPLY BY	TO	SYMBOL FIND
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LENGTH

in	inches	25.4	millimeters	mm
ft	feet	0.305	meters	m
yd	yards	0.914	meters	m
mi	miles	1.61	kilometers	km

SYMBOL	WHEN YOU KNOW	MULTIPLY BY	TO	SYMBOL FIND
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AREA

in²	square inches	645.2	square millimeters	mm ²
ft²	square feet	0.093	square meters	m ²
yd²	square yard	0.836	square meters	m ²
ac	acres	0.405	hectares	ha
mi²	square miles	2.59	square kilometers	km ²

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VOLUME

fl oz	fluid ounces	29.57	milliliters	mL
gal	gallons	3.785	liters	L
ft³	cubic feet	0.028	cubic meters	m ³
yd³	cubic yards	0.765	cubic meters	m ³

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MASS

oz	ounces	28.35	grams	g
lb	pounds	0.454	kilograms	kg
T	short tons (2000 lb)	0.907	megagrams	Mg (or "t") (or "metric ton")

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TEMPERATURE

°F	Fahrenheit	(F-32) x 5 / 9 or (F-32) / 1.8	Celsius	°C
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ILLUMINATION

fc	foot-candles	10.76	lux	lx
fl	foot-Lamberts	3.426	candela/m ²	cd/m ²

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FORCE and PRESSURE or STRESS

lbf	poundforce	4.45	newtons	N
lbf/in²	poundforce per square inch	6.89	kilopascals	kPa

