

(Length)						
mil	mils		0.03937	micrometers		μm
in	inches		0.03937	millimeters		mm
ft	feet		3.28084	meters		m
yd	yards		1.093613	meters		m
m	miles		0.62137	kilometers		km
(Area)						
in^2	square inches		0.00155	square millimeters		mm^2
ft^2	square feet		10.76391	square meters		m^2
yd^2	square yards		1.19599	square meters		m^2
ac	acres		2.4710437	hectares		ha
ac	acres		0.000247	square meters		m^2
mi^2	square miles		0.3861	square kilometers		km^2
(volume)						
gal	gallons		0.264172	liters		L
ft^3	cubic feet		35.31466	cubic meters		m^3
yd^3	cubic yards		1.30795	cubic meters		m^3
(Mass)						
oz	ounces		0.035274	grams		g
lb	pounds		2.204622	kilograms		kg
T	2000 pounds		1.1023114	metric tons		t
(Temperature)						
$^{\circ}\text{F}$	Fahrenheit		$F = 1.8 C + 32$		Celsius	$^{\circ}\text{C}$
(Illumination)						
fc	foot-candles		0.09290304	lux		lx
fl	foot-lamberts		0.29186352	candelas per square meter		cd/m
(Force and pressure or stress)						
lbf.ft	pounds-force foot		0.7375621	Newton meter		N.m
lbf	pounds force		0.22480892	Newton		N
lbf/ft^2 (psf)	pounds force per square foot		0.02088543	PASCAL's		Pa
lbf/in^2 (pai)	pounds force per square inch		145.03774	megapascals		MPa

(Length)						
μm	micrometers		25.4		mils	mil
mm	millimeters		25.4		inches	in
m	meters		0.3048		feet	ft
m	meters		0.9144		yards	yd
km	kilometers		1.609347		miles	m
(Area)						
mm ²	square millimeters		645.16		square inches	in ²
m ²	square meters		0.0929034		square feet	ft ²
m ²	square meters		0.8361274		square yards	yd ²
ha	hectares		0.4046873		acres	ac
m ²	square meters		4046.873		acres	ac
km ²	square kilometers		2.589998		square miles	mi ²
(volume)						
L	liters		3.785412		gallons	gal
m ³	cubic meters		0.02831685		cubic feet	ft ³
m ³	cubic meters		0.9071847		cubic yards	yd ³
(Mass)						
g	grams		28.34952		ounces	oz
kg	kilograms		0.4535924		pounds	lb
t	metric tons		0.9071847		2000 pounds	T
(Temperature)						
°C	Celsius		C = (F-32) / 1.8		Fahrenheit	°F
(Illumination)						
lx	lux		10.76391		foot-candles	fc
cd/m	candelas per square meter		3.726259		foot-lamberts	fl
(Force and pressure or stress)						
N.m	Newton meter		1.355818		pounds-force foot	lbf.ft
N	Newton		4.448222		pounds force	lbf
Pa	PASCAL's		47.88026		pounds force per square foot	lbf/ft ² (psf)
MPa	megapascals		0.006894757		pounds force per square inch	lbf/in ² (pai)