

Conversion Chart

Lenght

1 metre(m)	1000 milimeter(mm)	100 centimeters(cm)	10 decimeters	39,4 in.	3,28 ft
1 kilometre(km)	1000 meter(m)				
1 inch(in)	2,54 cm	0,083 ft			
1 feet (ft)	0,305m	12 in.			
1 mile (mi)	1610m	5280 ft			
1 nautical mile (nm)	1852 m	6076 ft			
1 yard(yd)	0,9144 m				
1 Mikron	10^{-6} m				
1 Amstrong	10^{-10} m				

Mass

1 kilogram(kg)	1000 gram(g)	0,0685 slug
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Weight

1 libre(lb)	4,45 Newton (N)
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Volume

1 litre	1 dm ³
1 Galon	3,79 liter

Angels

1 Radians(rad)	57,30 °	57 ° 18 '
1 degree	~0,01745 rad	
360 °	2π rad	

Force

1 Newton (N)	10.000 diyn /dynes	3,60 ounces (oz)
1 Pound (lb)	4,45 N	

Pressure

1 Pascal	1 N / m ²	
1 atm	1013 mb	76 cm hg

Work – Energy

1 Joule	$2,39 \cdot 10^{-4}$ kcal	$6,24 \cdot 10^{18}$ eV	$9,481 \cdot 10^{-4}$ btu	1 Nm	10^7 erg
1 Calori	4,185 J				

Power

1 Watt (W)	1 J / s	$1,34 \cdot 10^{-3}$ hp
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From Elecricty

1 Volt (V)	1 J / C			
1 Amper (A)	1 C / s	$6,3 \cdot 10^{18}$ elektron		
1 Ohm (Ω)	1 V / A			
1 Farad (F)	1 C / V			
1 Tesla (T)	1 N / A	10^4 gauss	1 Weber / m ²	

Frequently Used Multiplies

Kilo	1000
mili	10^{-3}
micro	10^{-6}
nano	10^{-9}
pico	10^{-12}

Roman Numbers

I	1	X	10	C	100
V	5	L	50		

**Some derivative values and some items (like density, velocity) might be not written or some be not written in full extend.*