

CONVERSION CHARTS

[Volume](#) | [Mass](#) | [Temperature](#) | [Length](#)

Volume Conversion		
TO CONVERT	INTO	MULTIPLY BY
cubic inches	cubic meters	0.00001639
cubic feet	cubic meters	0.02831685
cubic yards	cubic meters	0.7645549
quarts	liters	0.9463
gallons	liters	3.7854118
gallons	cubic meters	0.00378541
fluid ounce	millimeters	29.57353
fluid ounce	cubic centimeters	29.57353
fluid ounce	cubic meters	0.00002957
centiliters	fluid ounces	0.3382
liters	gallons	0.2642
cubic meters	cubic feet	35.31
Mass Conversion		
TO CONVERT	INTO	MULTIPLY BY
weight		
ounce	gram	28.3495
pound	gram	453.5924
pound	kilogram	0.4535924
ton (2000 lb)	kilogram	907.1848
grain	kilogram	0.0000648
gram	ounce	0.03527
volume (density)		
pound per cubic yard	kilogram per cubic meter	16.01846
pound per cubic yard	kilogram per cubic meter	0.5933



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Temperature Conversion		
TO CONVERT	INTO	MULTIPLY BY
degree Fahrenheit (F)	degree Celcius (C)	$(F-32) / (1.8)$
degree Fahrenheit (F)	kelvin (K)	$(F+459.7) / (1.8)$
degree Celcius (C)	degree Fahrenheit (F)	$(C+17.78) \times 1.8$
Length		
TO CONVERT	INTO	MULTIPLY BY
millimeter milliliter milligram	meter liter gram	1000
centimeters centiliter centigram	meter liter gram	100
decimeters deciliter decigram	meter liter gram	10
meter liter gram	decameter decaliter decagram	10
meters liter gram	hectometer hectoliter hectogram	100
meters liter gram	kilometer kiloliter kilogram	1000
inch	foot	12
centimeter	inch	2.54
inch	meter	0.0254
kilometer	mile	1.6093
meters	inches	39.37



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