



CONVERSION FACTORS

TO OBTAIN	MULTIPLY	BY
Atmospheres	In. HG @ 32°F	0.033421
Centimetres	Inches	2.54
Cm of Hg @ 0°C	Atmospheres	76
Cm of Hg @ 0°C	Grams/sq.cm	0.07356
Cm of Hg @ 0°C	Lb/sq in	5.1715
Cm of Hg @ 0°C	Lb/sq ft	0.035913
Cm/(sec)(sec)	Gravity	980.665
Centipoises	Centistokes	Density
Centistokes	Centipoises	1/density
Cu cm	Cu ft	28317
Cu cm	Cu in.	16.387
Cu cm	Gal (USA)	3785.43
Cu cm	Litres	1000.03
Cu cm	Quarts (USA)	946.358
Cu cm/sec	Cu ft/min	472.02
Cu ft	Cu metres	35.314
Cu ft	Gal (USA)	0.13368
Cu ft	Litres	0.03532
Cu ft/min	Cu metres/sec	2118.9
Cu ft/min	Gal (USA)/sec	8.0192
Cu ft/sec	Gal (USA)/min	0.002228
Cu ft/sec	Litres/min	0.0005886
Cu in	Cu centimetres	0.061023
Cu in	Gal (USA)	231
Cu in	Litres	61.03
Cu metres	Gal (USA)	0.0037854
Cu metres	Litres	0.001
Cu metres/hr	Gal/min	0.22712
Cu metres/kg	Cu ft/lb	0.062428
Cu metres/min	Cu ft/min	0.02832
Feet	Metres	3.281
Ft/min	Cm/sec	1.9685
Ft/sec	Metres/sec	3.2808
Ft/(sec)(sec)	Gravity (sea level)	32.174
Ft/(sec)(sec)	Metres/(sec)(sec)	3.2808
Gal (Imperial)	Gal (USA)	0.83268
Gal (Imperial)	Litres	4.5459
Gal (USA)	Barrels - US	42
Gal (USA)	Cu ft	7.4805
Gal (USA)	Cu metres	264.173
Gal (USA)	Cu yards	202.2
Gal (USA)	Gal (Imperial)	1.201
Gal (USA)	Litres	0.2642
Gal (USA)/min	Cu ft/sec	448.83
Gal (USA)/min	Cu metres/hr	4.4029
Gal (USA)/sec	Litres/min	0.0044028

TO OBTAIN	MULTIPLY	BY
Grams	Pounds (avoir)	453.5924
Grams/(cm) (sec)	Centipoises	0.01
Grams/cu cm	Lb/cu ft	0.016018
Grams/cu cm	Lb/cu in	27.68
Grams/cu cm	Lb/gal	0.119826
Inches	Centimetres	0.3937
Inches of Hg @ 32°F	Atmospheres	29.921
Inches of Hg @ 32°F	Lb/sq in	2.036
Inches of Hg @ 32°F	In.of H2O @ 4°C	0.04.22
Inches/°F	Cm/ °C	0.21872
Kg	Pounds (avoir)	0.45359
Kg-cal/sq metre	BTU/sq ft	2.712
Kg/cu metre	Lb/cu ft	16.018
Kg/(hr)(metre)	Centipoises	3.6
Kg/litre	Lb/gal (USA)	0.11983
Kg/meter	Lb/ft	1.488
Kg/sq cm	Lb.sq in	0.0703
Kg/sq meter	Lb/sq ft	4.8824
Litres	Cu ft	28.316
Litres	Cu in.	0.01639
Litres	Cu metres	999.973
Litres	Gal (Imperial)	4.546
Litres	Gal (USA)	3.785306
Litres/kg	Cu ft/lb	62.42621
Litres/min	Cu ft/sec	1698.963
Litres/min	Gal (USA)/min	3.785
Litres/sec	Cu ft/min	0.47193
Litres/sec	Gal/min	0.063088
Metres	Feet	0.3048
Metres/sec	Ft/sec	0.3048
Ounces	Grams	0.035274
Pounds (avoir)	Kg	2.2046
Pounds/cu ft	Grams/cu cm	62.428
Pounds/cu ft	Pounds/gal	7.48
Pounds/cu in	Grams/cu cm	0.036127
Pounds/(hr)(ft)	Centipoises	2.42
Pounds/inch	Grams/cm	0.0056
Pounds/(sec)(ft)	Centipoises	0.000672
Pounds/gal. (USA)	Kg/litre	8.3452
Pounds/gal. (USA)	Pounds/cu ft	0.1337
Pounds/gal. (USA)	Pounds/cu in	231
Sq centimetres	Sq ft	929
Sq centimetres	Sq in	6.4516
Sq ft	Sq metres	10.764
Sq in	Sq centimetres	0.155
Sq meters	Sq ft	0.1929