WEIGHTS, VOLUMES, TEMPERATURES, & OTHER

Convert From	Into	Multiply By
cm of Hg 0°C	atmosphere (std)	0.01316
	bar	0.01333
	dyne/sq cm	13332
	ft of H_2O @ 4°C	0.446
	in Hg @ 0°C	0.3937
	kg–force/sq meter	135.95
	newton/sq meter	1333.22
	pascal	1333.22
	pound–force/sq ft	27.845
	pound–force/sq in	0.1934
	torr	10
cm of H_2O 4°C	atmosphere (std)	0.00097
	newton/sq meter	98.0665
	pascal	98.0665
	pound–force/sq in	0.014223
cm/sec	foot/min	1 9685
	foot/sec	0.0328
	km/hr	0.036
	km/min	0.0006
	knots (Int)	0.0194
	meter/min	0.6
	mile/hr	0.02237
	mile/min	0.000373
cm/sec/sec	ft/sec/sec	0.0328
	km/hr/sec	0.036
	meter/sec/sec	0.01
	mile/hr/sec	0.0224
cm/year	inch/year	0.3937
centipoise	gram/cm/sec	0.01
	poise	0.01
	lb/ft/hr	2.4191
	lb/ft/sec	0.00067
centistoke	square inch/hour	5.580 011 2
	square mm/second	1
	stokes	0.01
chain (Gunter or US Survey)		
	centimeter	2011.7
	chain-Ramden or engineer	0.66
	foot	66.00013
	foot (US Survey)	66
	Furlong (US Survey)	0.1
	inch (US Survey)	792
	link (Gunter)	100
	link (Ramden)	66.00013
	meter	20.117
	mile (US statute)	0.0125
	rod (US Survey)	4
	yard (US Survey)	22
chain (Ramden)	chain (Gunter)	1.515152
	foot	100
chaldron (UK, liq)	bushel (UK)	36
cheval vapeur (French)	horsepower	0.98632
circle	degree	360
	grade	400
	minute	21600
	radian	6.2832
	sign	12
circular inch	circular mm	645.16
	sq cm	5.067
	sq inch	0.7854
circular mm	sq cm	0.00785
	sq inch	0.00122
	sq mm	0.7854
circular mil	circular inch	1×10^{-6}
	sq cm	5.06707×10^{-6}
	sq inch	7.85398×10^{-7}
	sq mm	0.000507
	sq mill	0.7854
circumference	degree	360
	radian	6.28318
cord (firewood)	cord foot (timber)	8
	cu foot	128
	cu meter	3.6246
cord foot (thimber)	cord	0.125
	cu foot	16
coulomb	abcoulomb	0.1
	ampere hour	0.000278
	ampere second	1
	coulomb (Int)	1.00015002
	faraday (chem)	1.0363×10^{-5}
	faraday (phys)	1.0360×10^{-5}
	mks elec chg unit	1
	statcoulomb	2.9979×10^{9}
coulomb/cu meter	abcoulomb/cu cm	1×10^{-7}
	abcoulomb/cu in	1.6387×10^{-8}
	abcoulomb/cu meter	0.1
	coulomb/cu cm	1×10^{-6}
	coulomb/cu in	1.6387×10^{-5}
coulomb/sq cm	coulomb/sq in	6.4516
	coulomb/sq meter	10000
coulomb/sq in	coulomb/sq cm	0.155
	coulomb/sq meter	1550
coulomb/sq meter	coulomb/sq cm	1×10^{-4}
	coulomb/sq inch	6.452×10^{-4}
cu centimeter	board foot	0.00042
	bushel (UK)	2.7496×10^{-5}
	bushel (US, dry)	2.8378×10^{-5}
	cu foot	3.5315×10^{-5}
	cu inch	0.06102
	cu meter	1×10^{-6}
	cu yard	1.308×10^{-6}

Convert From	Into	Multiply By
	drachm (UK, liq)	0.28156
	dram (US, liq)	0.27051
	gallon (UK)	0.000227
	gallon (US, dry)	0.000227
	gallon (US, liq)	0.000264
	gill (UK)	0.00704
	gill (US)	0.00845
	liter	0.001
	ounce (UK, liq)	0.035195
	ounce (US, liq)	0.033814
	pint (US, dry)	0.00182
	pint (US, liq)	0.00211
	quart (UK)	0.00088
	quart (US, dry)	0.00091
	quart (US, liq)	0.00106
cu cm/gram	cu ft/lb	0.01602
cu cm/sec	cu ft/min	0.00212
	gallon (US)/min	0.01585
	gallon (US)/sec	0.00026
cu cm–atm	Btu (thermo)	9.61×10^{-5}
	calorie (thermo)	0.02422
	joule	0.101325
	watthour	2.815×10^{-5}
cu decimeter	cu cm	1000
	cu foot	0.035315
	cu inch	61.0237
	cu meter	0.001
	cu yard	0.00131
	liter	1
cu dekameter	cu decimeter	1×10^{6}
	cu foot	35314.7
	cu inch	6.102×10^{7}
	cu meter	1000
	liter	1×10^{6}
cu foot	acre foot	2.296×10^{-5}
	board foot (timber)	12
	bushel (UK)	0.7786
	bushel (US, dry)	0.8036
	cord (firewood)	0.00781
	cord foot (timber)	0.0625
	cu centimeter	28316.8
	cu inch	1728.0
	cu meter	0.02832
	cu yard	0.03704
	gallon (US, dry)	6.42851
	gallon (US, liq)	7.48052
	liter	28.3168
	ounce (UK, liq)	996.614
	ounce (US, liq)	957.506
	pint (US, dry)	51.4281
	pint (US, liq)	59.8442
	quart (US, dry)	25.714
	quart (US, liq)	29.922
cu ft H_2O 60°F	lb of H_2O	62.366
cu ft/hour	acre foot/hr	2.2957×10^{-5}
	cu cm/sec	7.8656
	cu ft/min	0.0167
	gallon (US)/hr	7.4805
	liter/hr	28.317
cu ft/minute	acre foot/hr	0.00138
	acre foot/min	2.2957×10^{-5}
	cu cm/sec	471.95
	cu ft/hr	60
	gallon (US)/min	7.48052
	gallon (US)/sec	0.1247
	liter/sec	0.47195
	pound of H_2O/min (32°F)	62.43
cu ft/pound	cu cm/gram	62.428
	milliliter/gram	62.428
cu ft/sec	acre inch/hr	0.99174
	cu cm/sec	28316.8
	cu meter/sec	0.02832
	cu yard/min	2.2222
	gallon (US)/min	448.83
	liter/min	1699.01
	liter/sec	28.317
	million gallon/day	0.64632
cu ft H_2O/sec	lb H_2O/min	3741.97
cu ft atm	Btu (thermo)	2.7213
	calorie (thermo)	685.76
	foot pound–force	2116.2
	hp hour	0.00107
	joule	2869.205
	kg–force meter	292.58
	kilowatthour	0.000797
	newton meter	2869.205
cu inch	barrel (UK)	0.0001001
	barrel (US, dry)	0.0001417
	board foot	0.00694
	bushel (UK)	0.00045
	bushel (US, dry)	0.00047
	cu cm	16.3871
	cu foot	0.000579
	cu meter	1.639×10^{-5}
	cu yard	2.143×10^{-5}
	dram (US, liq)	4.4329
	gallon (UK)	0.003605
	gallon (US, dry)	0.0037202
	gallon (US, liq)	0.004329
	liter	0.01639
	milliliter	16.3871
	ounce (UK, liq)	0.57674