

Volume Conversion Table

From/ To	cm ³	liter	m ³	in ³	ft ³	yd ³	fl oz	fl pt	fl qt	gal
cm ³	1	0.001	1 x 10 ⁻⁶	0.06102	3.53x10 ⁻⁵	1.31x10 ⁻⁵	0.003381	0.00211	0.00106	2.64x10 ⁻⁴
liter	1000	1	0.001	61.02	0.03532	0.00131	33.81	2.113	1.057	0.2642
m ³	1 x 10 ⁶	1000	1	6.10x10 ⁴	35.31	1.308	3.38x10 ⁴	2113	1057	264.2
in ³	16.39	0.01639	1.64x10 ⁻⁵	1	5.79x10 ⁻⁴	2.14x10 ⁻⁵	0.5541	0.03463	0.01732	0.00433
ft ³	2.83x10 ⁴	28.32	0.02832	1728	1	0.03704	957.5	69.84	29.92	7.481
yd ³	7.65x10 ⁵	764.5	0.7646	4.67x10 ⁴	27	1	2.59x10 ⁴	1616	807.9	202
fl oz	29.57	0.02957	2.96x10 ⁻⁵	1.805	0.00104	3.87x10 ⁻⁵	1	0.0625	0.03125	0.00781
fl pt	473.2	0.4732	4.73x10 ⁻⁴	28.88	0.01671	6.19x10 ⁻⁴	16	1	0.6	0.125
fl qt	946.4	0.9463	9.46x10 ⁻⁴	57.75	0.03342	0.00124	32	2	1	0.25
gal	3785	3.786	0.00379	231	0.1337	0.00495	128	8	4	1