

Conversion Tables*

Unit of Concentration

Percent	PPM (parts per million)	PPB (parts per billion)	PPT (parts per trillion)
0.001%	10	–	–
0.0001%	1	1,000	1,000,000
0.00001%	0.1	100	100,000
0.000001%	0.01	10	10,000

Volume

From/To	L	cm ³	m ³	in ³	ft ³	yd ³	gal
L	1	1000	0.001	61	0.03532	0.00131	0.2642
cm ³	0.001	1	1 x 10 ⁻⁶	0.06102	3.53 x 10 ⁻⁵	1.31 x 10 ⁻⁶	2.64 x 10 ⁻⁴
m ³	1000	1 x 10 ⁶	1	6.10 x 10 ⁴	35.31	1.308	264.2
in ³	0.01639	16.39	1.64 x 10 ⁻⁵	1	5.79 x 10 ⁻⁴	2.14 x 10 ⁻⁵	0.00433
ft ³	28.32	2.83 x 10 ⁴	0.02832	1728	1	0.03704	7.481
yd ³	764.5	7.65 x 10 ⁵	0.7646	4.67 x 10 ⁴	27	1	202.0
gal	3.786	3785	0.00379	231	0.1337	0.00495	1

To convert from the volume unit in the far-left column, multiply by the factor listed in the column of the new unit.

Pressure

From/To	kPa	bar	atm	Torr	psi	mmHg
kPa	1	0.01	0.00987	7.500	0.146	7.500
bar	100	1	0.987	750.06	14.504	750.06
atm	101.325	1.013	1	760	14.696	760
Torr	0.133	0.00133	0.00132	1	0.0193	1
psi	6.895	0.0690	0.068	51.715	1	51.715
mmHg	0.133	.00130	.00130	1	.0193	1

To convert from the pressure unit in the far-left column, multiply by the factor listed in the column of the new unit

Absorbance/Transmittance

Transmittance	Absorbance (AU)
100%	0
99%	0.004
98%	0.009
97%	0.013
96%	0.018
95%	0.022
90%	0.046
85%	0.071
80%	0.097
75%	0.125
70%	0.155
65%	0.187
60%	0.222
55%	0.260
50%	0.301
45%	0.347
40%	0.398
35%	0.456
30%	0.523
25%	0.602
20%	0.699
15%	0.824
10%	1
5%	1.301
1%	2