

# Conversion tables

PRESSURE UNITS	HPA (mbar)	INCH HG	INCH H2O	FT H2O	bar	lb/in.2 (psi)
1 hPa (mbar)	1	0.02983	0.4055	0.03379	0.001	0.01450
1 inch Hg	33.86	1	13.60	1.133	0.03386	0.4912
1 inch H2O	2.49	0.07355	1	0.08333	0.00249	0.03613
1 ft H2O	29.89	0.8826	12	1	0.02989	0.4335
1 bar	1000	29.51	401.3	33.44	1	14.50
1 lb/in.2 (psi)	68.95	2.036	27.67	2.307	0.06895	1

VOLUME UNITS	cm <sup>3</sup>	Liter	m <sup>3</sup>	Zoll	Fuß <sup>3</sup>	gal
1 cm <sup>3</sup>	1	0.001	1x10 <sup>-6</sup>	0.06102	3,53x10 <sup>-5</sup>	2.64x10 <sup>-4</sup>
1 liter	1000	1	0.001	61.02	0.03532	0.2646
1 m <sup>3</sup>	1x10 <sup>6</sup>	1000	1	6.10x10 <sup>4</sup>	35.31	264.2
1 (Zoll) <sup>3</sup>	16.39	0.01639	1.64x10 <sup>-5</sup>	1	5.79x10 <sup>-4</sup>	0.00433
1 (Fuß) <sup>3</sup>	2.83x10 <sup>4</sup>	28.32	0.02832	1728	1	7.481
1 gal	3785	3.785	0.00379	231.0	0.1337	1

LENGTH UNITS	cm	m	km	Zoll	Fuß	Mile
1 cm	1	0.01	1x10 <sup>-5</sup>	0.3937	0.03281	6.21x10 <sup>-6</sup>
1m	100	1	0.001	39.37	3.281	6.21x10 <sup>-4</sup>
1 km	1x10 <sup>5</sup>	1000	1	3.94x10 <sup>4</sup>	3281	0.6214
1 in. (Zoll)	2.540	0.02540	2.54x10 <sup>-5</sup>	1	0.08333	1.58x10 <sup>-5</sup>
1 ft. (Fuß)	30.48	0.3048	3.05x10 <sup>-4</sup>	12	1	1.89x10 <sup>-4</sup>
1 mile	1.61x10 <sup>5</sup>	1609	1.609	6.34x10 <sup>4</sup>	5280	1

FLOW UNITS	1 l/min	1 gal/min	1 ft/s	1 ft <sup>3</sup> /min
1 l/min	1	0.264	0.00058	0.0353
1 gal/min	3.7854	1	0.00223	0.1337
1ft/s	1699.2	448.8	1	60
1 ft <sup>3</sup> /min	28.314	7.481	0.01667	1