



## Umrechnung metrischer und zölliger Maßeinheiten

Länge	Fläche	Volumen	Masse
1 Meter [m]	1 Quadratmeter [m <sup>2</sup> ]	1 Liter [l] = 1 [dm <sup>3</sup> ]	1 Kilogramm [kg]
= 39,3701 inch [in]	= 1550 square inch [in <sup>2</sup> ]	= 1,7596 UK pint [pt]	= 2,2046 pound (av) [lb]
= 3,2808 foot [ft]	= 10,764 square foot [ft <sup>2</sup> ]	= 0,2200 UK gallon [gal]	= 35,274 ounce (av) [oz]
= 1,0936 yard [yd]	= 1,196 square yard [yd <sup>2</sup> ]	= 2,1133 US pint [pt]	= 2,6792 pound (tr) [lb]
1 in = 25,40 mm	1 in <sup>2</sup> = 6,4516 cm <sup>2</sup>	= 0,2642 US gallon [gal]	= 32,151 ounce (tr) [oz]
1 ft = 30,48 cm	1 ft <sup>2</sup> = 9,2903 dm <sup>2</sup>		1 lb (av) = 0,4536 kg
1 yd = 0,9144 m	1 yd <sup>2</sup> = 0,9144 m <sup>2</sup>	1 fl. ounce = 28,413 cm <sup>3</sup>	1 lb (tr) = 0,3732 kg
	1 Hektar [ha] = 10000 m <sup>2</sup>	1 UK pint = 0,5683 dm <sup>3</sup>	1 lb (av) = 1,2153 lb (tr)
1 Kilometer [km]	= 9,8843 rood	1 UK quart = 1,136 dm <sup>3</sup>	1 ton = 2240 pound (av)
= 4,9710 furlong [fur]	= 2,4711 acre	1 UK gall. = 4,5455 dm <sup>3</sup>	1 short ton = 2000 pd (av)
= 0,6214 mile [mile]	= 0,003861 square mile	1 UK barrel = 163,656 dm <sup>3</sup>	1 pound (av) = 16 ounce
= 0,5400 naut. mile [sm]	1 rood = 1012 m <sup>2</sup>		= 7000 grain
1 fur = 0,2012 km	1 acre = 4047 m <sup>2</sup>	1 fl. ounce = 29,6 cm <sup>3</sup>	1 ounce (av) = 16 dram
1 mile = 1,6093 km	1 mile <sup>2</sup> = 258,999 ha	1 US gill = 0,1183 dm <sup>3</sup>	1 grain (av) = 0,0767 drachm
1 sm = 1,8520 km		1 US pint = 0,4732 dm <sup>3</sup>	
1 yard = 3 foot	1 Quadratkilometer [km <sup>2</sup> ]	1 US quart = 0,9464 dm <sup>3</sup>	
1 foot = 12 inch	= 0,3861 square mile [yd <sup>2</sup> ]	1 US gall. = 3,7854 dm <sup>3</sup>	
1 inch = 1000 mil	= 1,196 yd <sup>2</sup>	1 barrel = 119,228 dm <sup>3</sup>	
	= 247.105 ac	1 barrel p. = 158,97 dm <sup>3</sup>	
		1 barrel = 36 gallon (UK)	
	1 Hektar = 100 Ar [a]	1 barrel p. = 42 gallon (US)	
	= 2.471 ac	1 gallon = 4 quart	
		1 quart = 2 pint	
	1 Quadratmeter [m <sup>2</sup> ]	1 pint = 4 gill	
	= 1.1959 yd <sup>2</sup>		
Temperatur	Leistung	Druck	Zahlen
1 Kelvin [K] = 1,8 °Fahrenheit	1 kW = 1,36 PS (HP)	1 bar = 100 hPa = 100.000Pa	1 Million = 10 <sup>6</sup>
°F = 9/5 °C + 32°F	1 PS (HP) = 0,7355 kW	= 14,503861 pd/in <sup>2</sup> (psi)	= 1 Million (UK)
°C = 5/9 • (°F - 32°F)			= 1 Million (US)
1 Celsius-Grad <sup>^</sup> 1 K		1 pd in <sup>2</sup> = 0,069 bar	1 Milliarde = 10 <sup>9</sup>
			= 1 Milliarde (UK)
		1 mWs (mwig) = 0,096 bar	= 1 Billion (US)
			1 Billion = 10 <sup>12</sup>
			= 1 Billion (UK)
Viskosität			= 1 Trillion (US)
1 CSt = 1 mm <sup>2</sup> /S			1 Billiarde = 10 <sup>15</sup>
1 P = 0,1Pa.s			= 1 Thousand Billion (UK)
			= 1 Quadrillion (US)

### Umrechnung von Durchflussraten

	m <sup>3</sup> /h	l/min	IMP Gallon/min	US Gallon/min
1 m <sup>3</sup> /h	= -	16.67	3.666	4.4
1 l/min	= 0.06	-	0.220	6.264
1 Imp Gallon/min	= 0.2728	4.546	-	1.2
1 US Gallon/min	= 0.227	3.787	0.833	-

Wir haben die Informationen nach bestem Wissen und Gewissen zusammengestellt.  
Eine Gewähr oder jegliche Haftung für die Aktualität und Richtigkeit kann aber nicht übernommen werden !