

**Conversion des longueurs :**

	mètre	inch	foot	yard
1 mètre (m)	1	39,37	3,2808	1,0936
1 inch (in)	0,0254	1	0,0833	0,0278
1 foot (ft)	0,3048	12	1	0,333
1 yard (yd)	0,9144	36	3	1

Conversion des surfaces :

	cm ²	m ²	square inch	square foot	square yard
1 cm ²	1	1.10 ⁻⁴	0,155	1,0764.10 ⁻³	1,196.10 ⁻⁴
1 m ²	1.10 ⁴	1	1550	10,764	1,196
1 square inch (sq in)	6,4516	0,64516.10 ⁻³	1	0,00694	0,772.10 ⁻³
1 square foot (sq ft)	929,0	0,0929	144	1	0,1111
1 square yard (sq yd)	8360	0,836	1296	9	1

Conversion des volumes :

	litre (dm ³)	m ³	cubic inch	cubic foot	US Gallons	Imperial Gallons
1 l	1	1.10 ⁻³	61,024	0,03531	0,2642	0,22
1 m ³	1000	1	61024	35,31	264,2	220
1 cubic inch (cu in)	16,387.10 ⁻³	16,387.10 ⁻⁶	1	0,5787.10 ⁻³	4,329.10 ⁻³	3,606.10 ⁻³
1 cubic foot (cu ft)	28,320	28,320.10 ⁻³	1728	1	7,481	6,226
1 gallon US (US-gal)	3,785	3,785.10 ⁻³	231	0,1337	1	0,8327
1 gallon Imperial (GB-gal)	4,546	4,546.10 ⁻³	277,3	0,1605	1,210	1

Conversion des masses :

	kilogramme	pound	tons short US	tons long imperial
1 kilogramme (kg)	1	2,205	1,102.10 ⁻³	0,9843.10 ⁻³
1 pound (lb)	0,4536	1	0,500.10 ⁻³	0,4464.10 ⁻³
1 short ton US	907,2	2000	1	0,8929
1 long ton GB (imp)	1016	2240	1,12	1

Conversion des densités :

	kg/l	kg/m ³	pound/cubic foot	pound/gallon US	pound/gallon imp
1 kg/l	1	1000	62,43	10,022	8,345
kg/m ³	0,001	1	0,06243	0,010022	0,008345
1 pound/cubic foot	0,01602	16,02	1	0,16054	0,1337
1 pound/gallon US	0,0998	99,78	6,229	1	0,8327
1 pound/gallon imp	0,1198	119,8	7,481	1,201	1

**Conversion des forces :**

	Newton	Kilopound	Poundal
1 Newton (N)	1	0,102	7,24
1 Kilopound (kp)	9,807	1	70,9
1 Poundal (pdl)	0,1383	0,0141	1

Notes : 1 N = 10^5 dyn 1 dyn = 1g x 1cm /s²
1 kp = 1 kg x g
1 Poundal = 1 pound x g

Conversion des couples :

	Nm	m.kg (ou daN.m)	inch.pound
1 Nm	1	0,1	8,6956
1 m.kg (ou daN.m)	10	1	86,956
1 inch.pound	0,115	0,0115	1

Conversion des pressions :

	1 Pa = 1 N/m²	1 Bar = 10⁵ Pa	poundal/sq inch = PSI	1 atm = 760 torr	1 Torr = 1 mm Hg
1 Pa = 1 N/m²	1	1.10^{-5}	$1,45.10^{-4}$	$9,87.10^{-6}$	0,0075
1 Bar = 10⁵ Pa	1.10^5	1	14,504	0,9869	750
poundal/sq inch = PSI	6895	0,06895	1	0,06806	51,7
1 atm = 760 torr	$1,013.10^5$	1,013	14,70	1	760
1 Torr = 1 mm Hg	133	$1,330.10^{-3}$	0,0193	$1,316.10^{-3}$	1