

TABELAS DE CONVERSÕES

1. COMPRIMENTO

	polegada in	pé ft	metro m	milimetro mm	centimetro cm	jarda yd	milha milha
in	1	0,0833	0,0254	25,4	2,54	0,0278	$1,5782 \cdot 10^{-5}$
ft	12,0048	1	0,3048	304,8	30,48	0,3333	$1,8939 \cdot 10^{-4}$
m	39,37	3,2808	1	1000	100	1,0936	$6,2137 \cdot 10^{-4}$
mm	0,0394	0,00328	0,001	1	0,1	$1,0936 \cdot 10^{-3}$	$6,2137 \cdot 10^{-7}$
cm	0,3937	0,0328	0,01	10	1	$1,0936 \cdot 10^{-2}$	$6,2137 \cdot 10^{-6}$
yd	35,9712	3,0003	0,914	914,4111	91,4411	1	$5,6818 \cdot 10^{-4}$
milha	63360	5280	1609,344	1609344	160934,4	1760	1

2. ÁREA

	polegada quadrada in ²	pé quadrado ft ²	metro quadrado m ²	milimetro quadrado mm ²	centimetro quadrado cm ²	jarda quadrada yd ²	milha quadrada milha ²
in ²	1	$6,94 \cdot 10^{-3}$	$6,45 \cdot 10^{-4}$	645	6,4516	$7,728 \cdot 10^{-4}$	$2,4907 \cdot 10^{-10}$
ft ²	144,115	1	0,093	$9,2903 \cdot 10^4$	929,0304	0,1111	$3,5868 \cdot 10^{-8}$
m ²	1549,997	10,76	1	$1 \cdot 10^6$	$1 \cdot 10^4$	1,196	$3,861 \cdot 10^{-7}$
mm ²	0,0016	$1,076 \cdot 10^{-5}$	$1 \cdot 10^{-6}$	1	0,01	$1,195 \cdot 10^{-6}$	$3,861 \cdot 10^{-13}$
cm ²	0,155	$1,076 \cdot 10^{-3}$	$1 \cdot 10^{-4}$	100	1	$1,195 \cdot 10^{-4}$	$3,861 \cdot 10^{-11}$
yd ²	1293,927	9,002	0,8354	$8,3615 \cdot 10^5$	$8,3615 \cdot 10^3$	1	$3,2283 \cdot 10^{-7}$
milha ²	$4,0145 \cdot 10^9$	$2,788 \cdot 10^7$	$2,59 \cdot 10^9$	$2,59 \cdot 10^{12}$	$2,59 \cdot 10^{10}$	$3,098 \cdot 10^6$	1

3. VOLUME

	jarda cubica yd ³	pé cubico ft ³	polegada cubica in ³	metro cubico m ³	centimetro cubico (mililitro) cm ³ (mL)	decimetro cubico (litro) dm ³ (L)	galão líquido (americano) gal	galão (britânico) gal (imp)	barril americano bbl	galão seco americano gal (dry)
yd ³	1	27	$4,6656 \cdot 10^4$	0,7646	$7,6456 \cdot 10^5$	764,559	201,99207	168,1786	4,808916	173,5659
ft ³	$3,7037 \cdot 10^{-2}$	1	1728	$2,8317 \cdot 10^{-2}$	$2,8317 \cdot 10^4$	28,317	7,481669	6,2290	0,178108	6,4284
in ³	$2,1433 \cdot 10^{-5}$	$5,7870 \cdot 10^{-4}$	1	$1,6387 \cdot 10^{-5}$	1,63872	$1,6387 \cdot 10^{-2}$	$4,329 \cdot 10^{-3}$	$3,424 \cdot 10^{-3}$	$1,03071 \cdot 10^{-4}$	$3,7202 \cdot 10^{-3}$
m ³	1,30794	35,314445	$6,1023 \cdot 10^{-4}$	1	$1 \cdot 10^6$	1000	264,2	219,973	6,2898	227,02
cm ³ (mL)	$1,3079 \cdot 10^{-6}$	$3,5314 \cdot 10^{-5}$	$6,1023 \cdot 10^{-2}$	$1 \cdot 10^{-6}$	1	$1 \cdot 10^{-3}$	$2,642 \cdot 10^{-4}$	$2,1997 \cdot 10^{-4}$	$6,289 \cdot 10^{-6}$	$2,2702 \cdot 10^{-4}$
dm ³ (L)	$1,3079 \cdot 10^{-3}$	$3,5314 \cdot 10^{-2}$	61,023	0,001	1000	1	0,2642	0,219973	$6,28981 \cdot 10^{-3}$	0,22702
gal	$0,495 \cdot 10^{-2}$	0,13366	230,9748	$3,785 \cdot 10^{-3}$	3785	3,785	1	0,83263	0,023806	0,85936
gal (imp)	$0,5946 \cdot 10^{-2}$	0,160540	291,996	$4,546 \cdot 10^{-3}$	4546	4,546	1,201	1	0,0285941	1,032
bbl	0,20795	5,61458	9702	0,15899	159008	158,987	42	34,9723	1	36,0933
gal (dry)	$5,7615 \cdot 10^{-3}$	0,15556	268,803	$4,4049 \cdot 10^{-3}$	44,04895	4,404895	1,16365	0,968942	0,027706	1

4. TEMPERATURA

	graus Fahrenheit °F	graus Celsius °C	graus Rankine °R	graus Kelvin K
°F	1	$0,5555(°F - 32)$	$°F + 460$	$0,5555(°F - 32) + 273$
°C	$(1,8 \cdot °C) + 32$	1	$(1,8 \cdot °C) + 492$	$°C + 273$
°R	$°R - 460$	$0,5555(°R - 492)$	1	$0,5555(°R - 492) + 273$
K	$1,8(K - 273) + 32$	$K - 273$	$1,8(K - 273) + 492$	1

5. MASSA

	micro grama μg	mili grama mg	grama g	quilo grama kg	onça oz	libra lb	tonelada curta (americana) t(s)	tonelada métrica t(m)	tonelada longa t(L)	libra troy lb(troy)	onça troy oz(troy)
μg	1	1.10^{-3}	1.10^{-6}	1.10^{-9}	$3,5274.10^{-8}$	$2,2046.10^{-9}$	$1,1023.10^{-12}$	1.10^{-12}	$9,8421.10^{-13}$	$2,679.10^{-9}$	$3,2154.10^{-8}$
mg	1.10^3	1	1.10^{-3}	1.10^{-6}	$3,5274.10^{-5}$	$2,2046.10^{-6}$	$1,1023.10^{-9}$	1.10^{-9}	$9,8421.10^{-10}$	$2,679.10^{-6}$	$3,2154.10^{-5}$
g	1.10^6	1.10^3	1	1.10^{-3}	$3,5274.10^{-2}$	$2,2046.10^{-3}$	$1,1023.10^{-6}$	1.10^{-6}	$9,8421.10^{-7}$	$2,679.10^{-3}$	$3,2154.10^{-2}$
kg	1.10^9	1.10^6	1.10^3	1	35,274	2,2046	$1,1023.10^{-3}$	1.10^{-3}	$9,8421.10^{-4}$	2,679	32,1543
oz	$28,349.10^6$	$28,349.10^3$	28,349	$28,349.10^{-3}$	1	$62,5.10^{-3}$	$3,125.10^{-5}$	$28,349.10^{-6}$	$2,7901.10^{-3}$	0,076	0,9115
lb	$453,59.10^6$	$453,59.10^3$	453,59	$453,59.10^{-3}$	16	1	$5,10.10^{-4}$	453.10^{-6}	$4,4584.10^{-4}$	1,2153	14,5836
t(s)	$907,185.10^9$	$907,185.10^6$	$907,185.10^3$	907,185	$3,2.10^4$	2000	1	0,907185	0,892857	2430,7243	$2,9154.10^4$
t(m)	1.10^{12}	1.10^9	1.10^6	1.10^3	$3,5274.10^4$	2204,62	2679,5284	1	0,984206	2679,5284	$3,2154.10^4$
t(L)	$1,0160.10^{12}$	$1,0160.10^9$	$1,0160.10^6$	$1,0160.10^3$	$3,5841.10^4$	2240	1,12	1,0160	1	2721,8291	$3,268.10^4$
lb (troy)	$3,7324.10^3$	373240	373,24	0,37324	13,1657	0,82286	$4,114.10^{-4}$	$3,732.10^{-4}$	$3,674.10^{-4}$	1	12
oz (troy)	$3,11.10^7$	31100	31,1	0,0311	1,09714	0,06857	$3,43.10^{-5}$	$3,11.10^{-5}$	$3,06.10^{-5}$	0,8333	1

6. PRESSÃO

	atmosfera atm	bar	polegada de mercúrio in Hg	quilograma força por centímetro quadrado kgf/cm^2	milímetros de mercúrio mmHg	polegada de água $\text{in H}_2\text{O}$	libra por polegada quadrada (psi) $\text{lb/in}^2 - \text{psi}$	quilopascal kPa	libra força por pé quadrado lbf/ft^2	pé de água $\text{ft H}_2\text{O}$
atm	1	1,1033	29,921	1,03327	760	406,788	14,696	101,325	2116,402	33,898
bar	$9,8692.10^{-1}$	1	29,5296	1,0197	750,059	401,467	14,504	100	2088,555	33,457
in Hg	$33,421.10^{-3}$	$33,864.10^{-3}$	1	$34,53.10^{-3}$	25,40005	13,595	$4,9116.10^{-1}$	3,3867	7072,14	1,133
kgf/cm^2	$96,777.10^{-2}$	$98,064.10^{-2}$	28,96	1	735,584	393,7112	14,2233	97,9047	2048,341	32,808
mmHg	$1,3158.10^{-3}$	$1,3332.10^{-3}$	$39,370.10^{-3}$	$1,3594.10^{-3}$	1	0,535251	$19,337.10^{-3}$	0,1331	2,7847	$4,46.10^{-2}$
$\text{in H}_2\text{O}$	$2,4583.10^{-3}$	$2,49086.10^{-3}$	$7,3554.10^{-2}$	$2,5399.10^{-3}$	1,86828	1	$3,6136.10^{-2}$	0,2483	5,2026	$8,333.10^{-2}$
$\text{lb/in}^2 \text{ psi}$	$6,8046.10^{-2}$	$6,8947.10^{-2}$	2,036	$7,0307.10^{-2}$	51,715	27,673	1	6,8947	144,009	2,3066
kPa	0,009869	0,01	0,2953	0,0102	7,5007	4,0266	0,145	1	20,893	0,3346
lbf/ft^2	$4,725.10^{-4}$	$4,788.10^{-4}$	0,01414	$4,882.10^{-4}$	0,35911	0,1922	$6,944.10^{-3}$	$4,786.10^{-2}$	1	0,01602
$\text{ft H}_2\text{O}$	0,0295	0,0298888	0,88262	0,03048	22,4185	12	0,43353	2,9886	62,4283	1

7. TEMPO

	dia	hora	minuto	segundo
	d	h	min	s
d	1	24	1440	86400
h	.X.	1	60	3600
min	.X.	.X.	1	60
s	.X.	.X.	.X.	1