

# FACTORES DE CONVERSION

# CONVERSION FACTORS

CONVERTIR TO CONVERT	MULTIPLICAR MULTIPLY BY	OBTENER TO OBTAIN	CONVERTIR TO CONVERT	MULTIPLICAR MULTIPLY BY	OBTENER TO OBTAIN
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## TEMPERATURA / TEMPERATURE

°C + 17.78	1.8	°F	°F -32	0.5556	°C
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## LONGITUD / LENGTH

mm	0.03937	in	in	25.4	mm
cm	0.3937	in	in	2.54	cm
m	39.37	in	in	0.0254	m
m	3.281	ft	ft	0.3048	m
m	1.094	Yd	Yd	0.9144	m
Km	3281	ft	ft	0.0003048	Km
Km	1093.6	Yd	Yd	0.0009144	Km
Km	0.6214	miles	miles	1.609	Km

## PRESION Y DENSIDAD / PRESSURE & DENSITY

Kg/cm <sup>2</sup>	14.2232	pound/in <sup>2</sup>	pound/in <sup>2</sup>	0.0703077	Kg/cm <sup>2</sup>
Kg/cm <sup>2</sup>	2048	pound/ft <sup>2</sup>	pound/ft <sup>2</sup>	0.0004883	Kg/cm <sup>2</sup>
Kg/cm <sup>2</sup>	0.01	Kg/mm <sup>2</sup>	Kg/mm <sup>2</sup>	100	Kg/cm <sup>2</sup>
Kg/cm <sup>2</sup>	0.0980665	MPa	MPa	10.1972	Kg/cm <sup>2</sup>
Kg/cm <sup>2</sup>	0.0980665	N/mm <sup>2</sup>	N/mm <sup>2</sup>	10.1972	Kg/cm <sup>2</sup>
pound/in <sup>2</sup>	0.0068948	MPa	MPa	145.0368	pound/in <sup>2</sup>
gr/cm <sup>3</sup>	0.03613	pound/in <sup>3</sup>	pound/in <sup>3</sup>	27.68	gr/cm <sup>3</sup>
Kg/m <sup>3</sup>	0.06243	pound/ft <sup>3</sup>	pound/ft <sup>3</sup>	16.02	Kg/m <sup>3</sup>
mm Hg	0.0013158	Atm	Atm	760	mm Hg

## AREA

mm <sup>2</sup>	0.00155	in <sup>2</sup>	in <sup>2</sup>	645.2	mm <sup>2</sup>
cm <sup>2</sup>	0.155	in <sup>2</sup>	in <sup>2</sup>	6.452	cm <sup>2</sup>
m <sup>2</sup>	10.76	ft <sup>2</sup>	ft <sup>2</sup>	0.0929	m <sup>2</sup>
m <sup>2</sup>	1.196	Yd <sup>2</sup>	Yd <sup>2</sup>	0.8361	m <sup>2</sup>
Km <sup>2</sup>	0.3861	miles <sup>2</sup>	miles <sup>2</sup>	2.59	Km <sup>2</sup>
hect	2.471	acre	acre	0.4047	hect

## POTENCIA / POWER

Watts	3.4129	btu/hr	btu/hr	0.2931	Watts
Watts	0.001341	hp	hp	745.7	Watts
Kw	1.341	hp	hp	0.7457	Kw
hp	2546.4	btu/hr	btu/hr	0.0003929	hp

## VOLUMEN / VOLUME

cm <sup>3</sup>	0.06102	in <sup>3</sup>	in <sup>3</sup>	16.39	cm <sup>3</sup>
m <sup>3</sup>	35.31	ft <sup>3</sup>	ft <sup>3</sup>	0.02832	m <sup>3</sup>
m <sup>3</sup>	1.308	Yd <sup>3</sup>	Yd <sup>3</sup>	0.7646	m <sup>3</sup>
m <sup>3</sup>	364.2	gal (u.s.)	gal (u.s.)	0.003785	m <sup>3</sup>
lts	61.02	in <sup>3</sup>	in <sup>3</sup>	0.01639	lts
lts	0.03531	ft <sup>3</sup>	ft <sup>3</sup>	28.32	lts
lts	0.2642	gal (u.s.)	gal (u.s.)	3.785	lts

## CALOR Y ENERGIA / HEAT & ENERGY

gr-cal	0.0039683	btu	btu	252	gr-cal
joule	0.0009486	btu	btu	1055	joule
kg-cal	3.968	btu	btu	0.252	kg-cal
kg-cal/kg	1.8	btu/lb	btu/lb	0.5556	kg-cal/kg
gr-cal/cm <sup>2</sup>	3.687	btu/ft <sup>2</sup>	btu/ft <sup>2</sup>	0.2713	gr-cal/cm <sup>2</sup>
kg-cal/m <sup>3</sup>	0.1124	btu/ft <sup>3</sup>	btu/ft <sup>3</sup>	8.896	kg-cal/m <sup>3</sup>
joule	0.7376	ft-pound	ft-pound	1.356	joule
kg-m	7.233	ft-pound	ft-pound	0.1383	kg-m
gr-cal	3.086	ft-pound	ft-pound	0.3241	gr-cal
kg-cal	3086	ft-pound	ft-pound	0.0003241	kg-cal
hp-hr	1980000	ft-pound	ft-pound	0.00000505	hp-hr
Kw-hr	2655000	ft-pound	ft-pound	0.00000377	Kw-hr
btu	778.16	ft-pound	ft-pound	0.001286	btu

## PESO / WEIGHT

gr	0.035274	oz	oz	28.349	gr
Kg	35.274	oz	oz	0.028349	Kg
Kg	2.2046	pound	pound	0.4536	Kg
Kg	0.001102	Ton (u.s.)	Ton (u.s.)	907.18	Kg
Ton	2205	pound	pound	0.000454	Ton
Ton	1.12	Ton (u.s.)	Ton (u.s.)	0.9072	Ton