

TABLA DE CONVERSIONES Y EQUIVALENCIAS ENTRE UNIDADES DE DIFERENTES SISTEMAS

| Longitud | Masa | Superficie | Fuerza | Energía (Trabajo) | Potencia | Volumen |
|--|---|---|---|--|---|---|
| 1 [m] = 0.001 [km] = 100 [cm] = 1000 [mm] = 1x10 ⁶ [µm] = 1x10 ¹⁰ [Å] = 3.2808 [ft] = 39.37 [in] = 1.0936 [yd] = 0.00062 [mi] = 0.04971 [chain] = 0.1988 [rd] = 39370 [mil] | 1 [kg] = 1000 [g] = 2.2046 [lbm] = 0.06852 [slug] = 35.274 [oz] = 32.151 [ozt] = 5000 [ct] = 0.001 [ton] = 15432 [grain] = 6.022 [utm] = 0.10194 [geokilo] 1 [lbm] = 0.4536 [kg] = 453.59 [g] = 16 [ozt] = 0.03108 [slug] = 14.58 [oz] = 2267.96 [ct] = 7000 [grain] = 2.73x10 ²⁶ [utm] | 1 [m ²] = 10000 [cm ²] = 1.196 [yd ²] = 10.764 [ft ²] = 1550 [in ²] = 1x10 ⁻⁶ [km ²] = 3.86x10 ⁻⁷ [mi ²] = 0.00025 [acre] = 0.0001 [Ha] 1 [ft ²] = 0.0929 [m ²] = 929.03 [cm ²] = 0.111 [yd ²] = 144 [in ²] = 9.29x10 ⁻⁸ [km ²] = 2.3 x10 ⁻⁵ [acre] = 9.29x10 ⁻⁵ [Ha] = 3.587x10 ⁻⁸ [mi ²] | 1 [N] = 1 [kg m/s ²] = 1x10 ⁵ [dina] = 0.2248 [lb _f] = 7.233 [pdl] = 0.1020 [kp] = 2.248x10 ⁻⁴ [kip] = 101.97 [g _f] 1 [lb _f] = 4.448 [N] = 444822 [dina] = 453.6 [g _f] = 1x10 ⁻³ [kip] = 32.174 [pdl] = 31.17 [lb _m ft/s ²] | 1 [J] = 1 [N m] = 1x10 ⁷ [erg] = 2.388 x10 ⁻⁴ [kcal] = 0.2388 [cal] = 9.478x10 ⁻⁴ [BTU] = 0.7376 [ft lb _f] = 6.24x10 ¹⁸ [eV] = 10 [bar cm ³] 1 [BTU] = 1055 [J] = 1.055x10 ¹⁰ [erg] = 0.252 [kcal] = 252 [cal] = 778.17 [ft lb _f] = 6.58x10 ²¹ [eV] | 1 [W] = 0.00134 [hp] = 1 [J/s] = 1x10 ⁷ [erg/s] = 0.2388 [cal/s] = 0.7376 [ft lb _f /s] = 3.413 [BTU/hr] 1 [hp] = 745.7 [W] = 550 [ft lb _f /s] = 3.3x10 ⁴ [ft lb _f /min] = 2545 [BTU/hr] | 1 [m ³] = 1x10 ⁶ [cm ³] = 1x10 ⁶ [ml] = 1000 [l] = 1.30795 [yd ³] = 35.315 [ft ³] = 61023.7 [in ³] = 219.97 [gal _{UK}] = 264.17 [gal _{US}] = 1056.69 [qt] = 2113.37 [pt] = 33814 [oz _{fl}] = 35195 [oz _{flUK}] = 67628 [tbsp] = 4226.75 [cup] = 28.32 [bu] 1 [ft ³] = 0.02832 [m ³] = 28316.8 [cm ³] = 0.03704 [yd ³] = 1728 [in ³] = 28.31 [l] = 6.22 [gal _{UK}] = 7.48 [gal _{US}] = 29.92 [qt] = 59.84 [pt] = 957.5 [oz _{fl}] = 119.69 [cup] = 996.6 [oz _{flUK}] = 1915 [tbsp] |
| Presión | Densidad | Volumen Especifico | Capacidad Calorífica | Calor Especifico | | |
| 1 [Pa] = 1x10 ⁻⁵ [bar] = 9.87x10 ⁻⁶ [atm] = 1.45x10 ⁻⁷ [kpsi] = 7.5x10 ⁻³ [torr] = 7.5x10 ⁻³ [mm _{Hg}] = 2.95x10 ⁻⁴ [in _{Hg}] | 1 [g/cm ³] = 1000 [kg/cm ³] = 62.43 [lbm/ft ³] | 1 [m ³ /kg] = 1000 [cm ³ /g] = 1 [l/g] = 16 [ft ³ /lbm] | 1 [J/g] = 1x10 ⁻³ [J/kg] = 1x10 ⁷ [erg/g] = 0.2388 [cal/g] = 3345 [ft lb _f /lb _m] = 0.4299 [BTU/lb _m] = 10 [bar cm ³ /g] | 1 [J/g K] = 1x10 ⁻³ [J/kg K] = 1x10 ⁷ [erg/g K] = 0.2388 [cal/g K] = 0.2388 [BTU/lb _m R] = 185.7 [ft lb _f /lb _m R] | | |
| 1 [bar] = 1x10 ⁵ [Pa] = 1x10 ⁶ [dina/cm ²] = 0.9897 [atm] = 14.5 [psi] | | 1 [ft ³ /lbm] = 62.5 [ml/g] = 0.0625 [l/g] | | 1 [BTU/lb _m R] = 1 [cal/g K] = 778.2 [ft lb _f /lb _m R] = 4.183 [J/g K] = 4183 [J/kg K] | | |
| 1 [atm] = 1.013 [bar] = 1.013x10 ⁵ [Pa] = 14.69 [psi] = 2117 [psf] = 29.92 [in _{Hg}] = 760 [mm _{Hg}] | | | | | | |

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