

Conversion Factors

A

To Convert	Into	Multiply By
Abcoulomb	Statcoulombs	2.998×10^6
Acre	Sq chain (Gunters)	10
Acre	Rods	160
Acre	Square links (Gunters)	1×10^5
Acre	Hectare or sq hectometer	0.4047
acres	Roods	4.0
acres	sq feet	43,560.0
acres	sq meters	4,047.0
acres	sq miles	$1,562 \times 10^{-3}$
acres	sq yards	4,840.0
acre-feet	cu feet	43,560.0
acre-feet	gallons	3.259×10^5
amperes/sq cm	amps/sq in	6.452
amperes/sq cm	amps/sq meter	10^4
amperes/sq in	amps/sq cm	0.1550
amperes/sq in	amps/sq meter	1,550.0
amperes/sq meter	amps/sq cm	10^{-4}
amperes/sq meter	amps/sq in	6.452×10^{-4}
ampere-hours	coulombs	3,600.0
ampere-hours	faradays	0.03731
ampere-turns	gilberts	1.257
ampere-turns/cm	amp-turns/in	2.540
ampere-turns/cm	amp-turns/meter	100.0
ampere-turns/cm	gilberts/cm	1.257
ampere-turns/in	amp-turns/cm	0.3937
ampere-turns/in	amp-turns/meter	39.37
ampere-turns/in	gilberts/cm	0.4950
ampere-turns/meter	amp-turns/cm	0.01
ampere-turns/meter	amp-turns/in	0.0254
ampere-turns/meter	gilberts/cm	0.01257
Angstrom unit	inch	3937×10^{-9}
Angstrom unit	Meter	1×10^{-10}
Angstrom unit	Micron or (μ)	1×10^{-4}
Are	Acre (US)	0.02471
Ares	sq yards	119.60
ares	acres	0.02471
ares	sq meters	100.0
Astronomical Unit	Kilometers	1.495×10^8
Atmospheres	Ton/sq inch	0.007348
atmospheres	cms of mercury	76.0
atmospheres	ft of water (at 4°C)	33.90
atmospheres	in. of mercury (at 0°C)	29.92
atmospheres	kgs/sq cm	1.0333
atmospheres	kgs/sq meter	10,332.0
atmospheres	pounds/sq in	14.70
atmospheres	tons/sq ft	1.058