Area Converter

Convert area between the listed units using a common reference. Area factors use squared length relationships, not the factors for a length conversion.

Formula: converted = input * factor(from) / factor(to)

INPUTS AND EXAMPLE VALUES

Value: 1

From unit: m^2; choices: m^2 (m^2), cm^2 (cm^2), km^2 (km^2), ft^2 (ft^2), in^2 (in^2), acre (acre), ha (ha)

To unit: cm^2; choices: m^2 (m^2), cm^2 (cm^2), km^2 (km^2), ft^2 (ft^2), in^2 (in^2), acre (acre), ha (ha)

CHECK THE DEFAULT EXAMPLE

Converted value: 10,000 cm^2

LIMITS AND CONVENTIONS

Only the listed area units are supported; mathematical negative values are retained.

Area factors use squared length ratios; a length factor alone does not convert area.

METHOD AND SOURCES

https://azhanmh.com/guides/tools/area-converter

NIST - SI Guide: conversion factors, Appendix B.8: https://www.nist.gov/pml/special-publication-811/nist-guide-si-appendix-b-conversion-factors/nist-guide-si-appendix-b8

Display precision is for reporting; keep unrounded values for later calculations. Verify units and conventions. This reference does not replace institution, employer or network rules.