Length Converter

Convert length between the listed units using a common reference. Select the source and target length units; the result retains the input’s sign.

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

INPUTS AND EXAMPLE VALUES

Value: 1

From unit: m; choices: m (m), cm (cm), mm (mm), km (km), in (in), ft (ft), yd (yd), mi (mi)

To unit: cm; choices: m (m), cm (cm), mm (mm), km (km), in (in), ft (ft), yd (yd), mi (mi)

CHECK THE DEFAULT EXAMPLE

Converted value: 100 cm

LIMITS AND CONVENTIONS

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

Changing the unit does not increase the accuracy of the original measurement.

METHOD AND SOURCES

https://azhanmh.com/guides/tools/length-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.