

Metric Units Length, Area and Volume

METRIC CONVERSION	ESTIMATE	ACTUAL
-------------------	----------	--------

Length

Millimetres to Centimetres How many mm are in ONE cm?	/	10 mm = 1 cm
Centimetres to Metres How many cm are in ONE m?	/	100 cm = 1 m

Area

Square mm to Square cm How many square mm are in a square cm?	10^2	<u>100</u> mm ² = 1 cm ²
Square cm to Square m How many square cm are in ONE square m?	100^2	<u>10,000</u> cm ² = 1 m ²

Volume

Cubic mm to Cubic cm How many cubic mm are in ONE cubic cm?	10^3	<u>1000</u> mm ³ = 1 cm ³
Cubic cm to Cubic m How many cubic cm are in ONE cubic m?	100^3	<u>1,000,000</u> cm ³ = 1 m ³

Imperial Units Length, Area and Volume

IMPERIAL CONVERSION	ESTIMATE	ACTUAL
---------------------	----------	--------

Length

Inches to Feet How many inches are in ONE foot?	/	12 in. = 1 ft.
Feet to Yards How many feet are in ONE yard?	/	3 ft. = 1 yd.

Area

Square inch to Square foot How many square inches are in a square foot?	12^2	<div style="display: flex; align-items: center; justify-content: center;"> <u>144</u> in² = 1 ft² </div>
Square foot to Square yard How many square feet are in ONE square yard?	3^2	<div style="display: flex; align-items: center; justify-content: center;"> <u>9</u> ft² = 1 yd² </div>

Volume

Cubic inch to Cubic foot How many cubic inches are in ONE cubic foot?	12^3	<div style="display: flex; align-items: center; justify-content: center;"> <u>1728</u> in³ = 1 ft³ </div>
Cubic foot to Cubic yard How many cubic feet are in ONE cubic yard?	3^3	<div style="display: flex; align-items: center; justify-content: center;"> <u>27</u> ft³ = 1 yd³ </div>