

METRIC SYSTEM CHART

Reference Guide for Standard SI Units

LENGTH (BASE UNIT: METER)

UNIT	SYMBOL	VALUE IN METERS
Kilometer	km	1,000 m
Hectometer	hm	100 m
Decameter	dam	10 m
Meter	m	1 m
Decimeter	dm	0.1 m
Centimeter	cm	0.01 m
Millimeter	mm	0.001 m

MASS (BASE UNIT: GRAM)

UNIT	SYMBOL	VALUE IN GRAMS
Kilogram	kg	1,000 g

UNIT	SYMBOL	VALUE IN GRAMS
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Gram	g	1 g
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Milligram	mg	0.001 g
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Microgram	μg	0.000001 g
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VOLUME (BASE UNIT: LITER)

UNIT	SYMBOL	VALUE IN LITERS
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Kiloliter	kL	1,000 L
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Liter	L	1 L
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Deciliter	dL	0.1 L
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Centiliter	cL	0.01 L
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Milliliter	mL	0.001 L
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TEMPERATURE

SCALE	SYMBOL	KEY REFERENCE
Celsius	C	0C Freezing / 100C Boiling
Kelvin	K	Absolute Zero = 0 K