ALLUNITCONVERSIONS · PRINTABLE REFERENCE

Feet to Metres Conversion Chart

Feet to metres from 1 to 10,000 ft, with heights in feet and inches

For: Builders, surveyors, pilots, climbers and students

allunitconversions.com/ft-to-m-conversion-chart
By Miguel Coelho · Edition 2.0
9 November 2026

EXACT DEFINITION	FORMULA	REVERSE	WORKED EXAMPLE
1 foot = 0.3048 m exactly	m = ft × 0.3048	ft = m ÷ 0.3048	10 ft × 0.3048 = 3.048 m

Metres are rounded to 3 decimal places (1 decimal place above 100 ft).

1 to 100 feet

Feet (ft)	Metres (m)	Feet (ft)	Metres (m)	Feet (ft)	Metres (m)	Feet (ft)	Metres (m)
1	0.305	**26**	7.925	**51**	15.545	**76**	23.165
2	0.610	**27**	8.230	**52**	15.850	**77**	23.470
3	0.914	**28**	8.534	**53**	16.154	**78**	23.774
4	1.219	**29**	8.839	**54**	16.459	**79**	24.079
5	1.524	**30**	9.144	**55**	16.764	**80**	24.384
6	1.829	**31**	9.449	**56**	17.069	**81**	24.689
7	2.134	**32**	9.754	**57**	17.374	**82**	24.994
8	2.438	**33**	10.058	**58**	17.678	**83**	25.298
9	2.743	**34**	10.363	**59**	17.983	**84**	25.603
10	3.048	**35**	10.668	**60**	18.288	**85**	25.908
11	3.353	**36**	10.973	**61**	18.593	**86**	26.213
12	3.658	**37**	11.278	**62**	18.898	**87**	26.518
13	3.962	**38**	11.582	**63**	19.202	**88**	26.822
14	4.267	**39**	11.887	**64**	19.507	**89**	27.127
15	4.572	**40**	12.192	**65**	19.812	**90**	27.432
16	4.877	**41**	12.497	**66**	20.117	**91**	27.737
17	5.182	**42**	12.802	**67**	20.422	**92**	28.042
18	5.486	**43**	13.106	**68**	20.726	**93**	28.346
19	5.791	**44**	13.411	**69**	21.031	**94**	28.651
20	6.096	**45**	13.716	**70**	21.336	**95**	28.956
21	6.401	**46**	14.021	**71**	21.641	**96**	29.261
22	6.706	**47**	14.326	**72**	21.946	**97**	29.566
23	7.010	**48**	14.630	**73**	22.250	**98**	29.870
24	7.315	**49**	14.935	**74**	22.555	**99**	30.175
25	7.620	**50**	15.240	**75**	22.860	**100**	30.480

110 to 10,000 feet

Feet (ft)	Metres (m)	Feet (ft)	Metres (m)	Feet (ft)	Metres (m)
110	33.5	**290**	88.4	**470**	143.3
120	36.6	**300**	91.4	**480**	146.3
130	39.6	**310**	94.5	**490**	149.4
140	42.7	**320**	97.5	**500**	152.4
150	45.7	**330**	100.6	**600**	182.9
160	48.8	**340**	103.6	**700**	213.4

Feet (ft)	Metres (m)
170	51.8
180	54.9
190	57.9
200	61.0
210	64.0
220	67.1
230	70.1
240	73.2
250	76.2
260	79.2
270	82.3
280	85.3

Feet (ft)	Metres (m)
350	106.7
360	109.7
370	112.8
380	115.8
390	118.9
400	121.9
410	125.0
420	128.0
430	131.1
440	134.1
450	137.2
460	140.2

Feet (ft)	Metres (m)
800	243.8
900	274.3
1,000	304.8
1,500	457.2
2,000	609.6
2,500	762.0
3,000	914.4
4,000	1,219.2
5,000	1,524.0
7,500	2,286.0
10,000	3,048.0

Heights: feet and inches to metres

Height	Metres (m)	Centimetres (cm)
4′ 0″	1.219	121.9
4′ 1″	1.245	124.5
4′ 2″	1.270	127.0
4′ 3″	1.295	129.5
4′ 4″	1.321	132.1
4′ 5″	1.346	134.6
4′ 6″	1.372	137.2
4′ 7″	1.397	139.7
4′ 8″	1.422	142.2
4′ 9″	1.448	144.8
4′ 10″	1.473	147.3
4′ 11″	1.499	149.9
5′ 0″	1.524	152.4

Height	Metres (m)	Centimetres (cm)
5′ 1″	1.549	154.9
5′ 2″	1.575	157.5
5′ 3″	1.600	160.0
5′ 4″	1.626	162.6
5′ 5″	1.651	165.1
5′ 6″	1.676	167.6
5′ 7″	1.702	170.2
5′ 8″	1.727	172.7
5′ 9″	1.753	175.3
5′ 10″	1.778	177.8
5′ 11″	1.803	180.3
6′ 0″	1.829	182.9
6′ 1″	1.854	185.4

Height	Metres (m)	Centimetres (cm)
6′ 2″	1.880	188.0
6′ 3″	1.905	190.5
6′ 4″	1.930	193.0
6′ 5″	1.956	195.6
6′ 6″	1.981	198.1
6′ 7″	2.007	200.7
6′ 8″	2.032	203.2
6′ 9″	2.057	205.7
6′ 10″	2.083	208.3
6′ 11″	2.108	210.8
7′ 0″	2.134	213.4

Sources and method

- **International Yard and Pound Agreement (1959)** — 1 in = 25.4 mm, 1 ft = 0.3048 m, 1 lb = 0.453 592 37 kg exactly
- **NIST Special Publication 811** — Guide for the Use of the International System of Units (www.nist.gov/pml/special-publication-811)

Conversion values on this sheet are generated by the AllUnitConversions conversion library and automatically checked against the exact definitions above before the PDF is produced; reference tables are taken from the sources listed. Interactive version, corrections and more charts: **allunitconversions.com/ft-to-m-conversion-chart**