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Metres to Feet Conversion Chart

Metres to decimal feet and feet-and-inches

For: Builders, surveyors, sailors, climbers and students

allunitconversions.com/m-to-ft-conversion-chart
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EXACT DEFINITION	FORMULA	REVERSE	WORKED EXAMPLE
1 foot = 0.3048 m exactly, so 1 m = 3.280 84 ft	ft = m ÷ 0.3048	m = ft × 0.3048	1.8 m ÷ 0.3048 = 5.906 ft = 5 ft 10.9 in

Feet are rounded to 3 decimal places (2 above 1 m); inches to 0.1 in.

0.1 to 3 metres (heights and room sizes)

Metres (m)	Feet (ft)	Feet + inches	Metres (m)	Feet (ft)	Feet + inches
0.1	0.328	0 ft 3.9 in	**1.6**	5.249	5 ft 3.0 in
0.2	0.656	0 ft 7.9 in	**1.7**	5.577	5 ft 6.9 in
0.3	0.984	0 ft 11.8 in	**1.8**	5.906	5 ft 10.9 in
0.4	1.312	1 ft 3.7 in	**1.9**	6.234	6 ft 2.8 in
0.5	1.640	1 ft 7.7 in	**2.0**	6.562	6 ft 6.7 in
0.6	1.969	1 ft 11.6 in	**2.1**	6.890	6 ft 10.7 in
0.7	2.297	2 ft 3.6 in	**2.2**	7.218	7 ft 2.6 in
0.8	2.625	2 ft 7.5 in	**2.3**	7.546	7 ft 6.6 in
0.9	2.953	2 ft 11.4 in	**2.4**	7.874	7 ft 10.5 in
1.0	3.281	3 ft 3.4 in	**2.5**	8.202	8 ft 2.4 in
1.1	3.609	3 ft 7.3 in	**2.6**	8.530	8 ft 6.4 in
1.2	3.937	3 ft 11.2 in	**2.7**	8.858	8 ft 10.3 in
1.3	4.265	4 ft 3.2 in	**2.8**	9.186	9 ft 2.2 in
1.4	4.593	4 ft 7.1 in	**2.9**	9.514	9 ft 6.2 in
1.5	4.921	4 ft 11.1 in	**3.0**	9.843	9 ft 10.1 in

1 to 100 metres

Metres (m)	Feet (ft)	Metres (m)	Feet (ft)	Metres (m)	Feet (ft)	Metres (m)	Feet (ft)
1	3.28	**26**	85.30	**51**	167.32	**76**	249.34
2	6.56	**27**	88.58	**52**	170.60	**77**	252.62
3	9.84	**28**	91.86	**53**	173.88	**78**	255.91
4	13.12	**29**	95.14	**54**	177.17	**79**	259.19
5	16.40	**30**	98.43	**55**	180.45	**80**	262.47
6	19.69	**31**	101.71	**56**	183.73	**81**	265.75
7	22.97	**32**	104.99	**57**	187.01	**82**	269.03
8	26.25	**33**	108.27	**58**	190.29	**83**	272.31
9	29.53	**34**	111.55	**59**	193.57	**84**	275.59
10	32.81	**35**	114.83	**60**	196.85	**85**	278.87
11	36.09	**36**	118.11	**61**	200.13	**86**	282.15
12	39.37	**37**	121.39	**62**	203.41	**87**	285.43
13	42.65	**38**	124.67	**63**	206.69	**88**	288.71
14	45.93	**39**	127.95	**64**	209.97	**89**	291.99
15	49.21	**40**	131.23	**65**	213.25	**90**	295.28
16	52.49	**41**	134.51	**66**	216.54	**91**	298.56

Metres (m)	Feet (ft)	Metres (m)	Feet (ft)	Metres (m)	Feet (ft)	Metres (m)	Feet (ft)
17	55.77	**42**	137.80	**67**	219.82	**92**	301.84
18	59.06	**43**	141.08	**68**	223.10	**93**	305.12
19	62.34	**44**	144.36	**69**	226.38	**94**	308.40
20	65.62	**45**	147.64	**70**	229.66	**95**	311.68
21	68.90	**46**	150.92	**71**	232.94	**96**	314.96
22	72.18	**47**	154.20	**72**	236.22	**97**	318.24
23	75.46	**48**	157.48	**73**	239.50	**98**	321.52
24	78.74	**49**	160.76	**74**	242.78	**99**	324.80
25	82.02	**50**	164.04	**75**	246.06	**100**	328.08

110 to 10,000 metres

Metres (m)	Feet (ft)	Metres (m)	Feet (ft)	Metres (m)	Feet (ft)
110	360.9	**280**	918.6	**450**	1,476.4
120	393.7	**290**	951.4	**460**	1,509.2
130	426.5	**300**	984.3	**470**	1,542.0
140	459.3	**310**	1,017.1	**480**	1,574.8
150	492.1	**320**	1,049.9	**490**	1,607.6
160	524.9	**330**	1,082.7	**500**	1,640.4
170	557.7	**340**	1,115.5	**600**	1,968.5
180	590.6	**350**	1,148.3	**700**	2,296.6
190	623.4	**360**	1,181.1	**800**	2,624.7
200	656.2	**370**	1,213.9	**900**	2,952.8
210	689.0	**380**	1,246.7	**1,000**	3,280.8
220	721.8	**390**	1,279.5	**1,500**	4,921.3
230	754.6	**400**	1,312.3	**2,000**	6,561.7
240	787.4	**410**	1,345.1	**3,000**	9,842.5
250	820.2	**420**	1,378.0	**5,000**	16,404.2
260	853.0	**430**	1,410.8	**10,000**	32,808.4
270	885.8	**440**	1,443.6		

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)

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