

TABLE I. Length units in centimetres.

Original values from Table IX in Ricard [1781]: number of units in 100 Amsterdam voeten (feet) and King's foot lines. Centimetres per unit estimated from the value of one voet in Amsterdam according to Doursther [1840, p. 32]

City / Country / Region	Measure (plural)	Comments	Centi- metres per unit	Ricard		[3] Reference
				[1] Units in 100 Amsterdam voeten	[2] King's feet lines per unit	
Aix-la-Chapelle or Aachen	Foot (feet)		28.99	98.05	128.50	Tab. IX, p. 325
Amsterdam	Voet(en)		28.31	100.00	125.50	Tab. IX, p. 325
Amsterdam	Ruthe(n)		368.03	7.72	1,631.50	Tab. IX, p. 325
Anspach	Foot (feet)		29.78	95.45	132.00	Tab. IX, p. 325
Antioche	Foot (feet)		42.68	66.60	189.20	Tab. IX, p. 325
Antwerp or Anvers	Foot (feet)		28.56	99.53	126.60	Tab. IX, p. 325
Ausburg	Foot (feet)		29.62	95.21	131.30	Tab. IX, p. 325
Avignon	Foot (feet)		24.81	114.55	110.00	Tab. IX, p. 325
Babylon	Sacred cubit(s)		73.67	38.58	326.60	Tab. IX, p. 325
Basel	Ruthe(n)		477.14	5.96	2,115.20	Tab. IX, p. 325
Basel	Foot (feet)	(town & countryside measure)	29.82	95.31	132.20	Tab. IX, p. 325
Bavaria	Foot (feet)		22.24	127.79	98.60	Tab. IX, p. 325
Berlin	Foot (feet)		30.97	91.77	137.30	Tab. IX, p. 325
Berne	Foot (feet)		29.33	96.92	130.00	Tab. IX, p. 325
Besançon	Foot (feet)		30.93	91.90	137.10	Tab. IX, p. 325
Bologna	Pas		189.71	14.98	841.00	Tab. IX, p. 325
Bologna	Foot (feet)		37.94	74.91	168.20	Tab. IX, p. 325
Bremen	Foot (feet)		28.92	98.28	128.20	Tab. IX, p. 325
Bresse	Brasse(s)		46.81	60.72	207.50	Tab. IX, p. 325
Briel	Foot (feet)		33.52	84.79	148.60	Tab. IX, p. 325
Bruck	Foot (feet)		27.66	102.77	122.60	Tab. IX, p. 325
Brunswick	Foot (feet)		28.54	99.60	126.50	Tab. IX, p. 325
Brunswick	Foot (feet)	(according almanac)	28.42	100.00	126.00	Tab. IX, p. 325
Brussels	Foot (feet)		29.10	97.67	129.00	Tab. IX, p. 325
Buxtehude	Foot (feet)		29.10	97.67	129.00	Tab. IX, p. 325
Cagliari	Palme (palmi)		20.26	140.31	89.80	Tab. IX, p. 325
Cairo	Derah		55.47	51.24	245.90	Tab. IX, p. 325
Calenberg	Foot (feet)		29.23	97.21	129.60	Tab. IX, p. 325
Calenberg	Ruthe(n)		467.76	6.07	2,073.60	Tab. IX, p. 325
Carrara	Palme (palmi)		24.38	116.56	108.10	Tab. IX, p. 325
Castile (region of Spain)	Toesa(s)		169.59	16.76	751.80	Tab. IX, p. 325
Castile (region of Spain)	Foot (feet)	(Burgos measure)	28.26	100.56	125.30	Tab. IX, p. 325
Castile (region of Spain)	Palmo(s)	(Burgos measure)	20.30	140.00	90.00	Tab. IX, p. 325
China	Foot (feet)	(traders and tailors measure)	33.84	84.00	150.00	Tab. IX, p. 325
China	Foot (feet)	(mathematicians measure)	33.32	85.31	147.70	Tab. IX, p. 325
China	Kongpu	(architecture measure)	32.28	88.05	143.10	Tab. IX, p. 325
China	Foot (feet)	(land surveying measure)	31.96	88.92	141.70	Tab. IX, p. 325
Cleves	Foot (feet)		29.55	96.18	131.00	Tab. IX, p. 325
Cologne	Foot (feet)		27.52	103.28	122.00	Tab. IX, p. 325
Constantinople	Foot (feet)		70.83	40.12	314.00	Tab. IX, p. 325
Copenhagen	Foot (feet)		31.38	90.56	139.13	Tab. IX, p. 325
Danzig	Foot (feet)		28.69	99.05	127.20	Tab. IX, p. 325
Denmark	Ruthe(n)		313.85	9.05	1,391.30	Tab. IX, p. 325
Denmark	Faum		188.31	15.10	834.78	Tab. IX, p. 325
Denmark	Foot (feet)		31.38	90.56	139.13	Tab. IX, p. 325
Dijon	Foot (feet)		31.40	90.52	139.20	Tab. IX, p. 325
Dole	Foot (feet)		35.71	79.70	158.30	Tab. IX, p. 325
Dordrecht	Foot (feet)		36.00	78.95	159.60	Tab. IX, p. 325
Dresde	Foot (feet)		28.31	100.40	125.50	Tab. IX, p. 325
Egypte	Derah		55.47	51.24	245.90	Tab. IX, p. 325
Embsen	Foot (feet)		29.62	95.96	131.30	Tab. IX, p. 325
England	Pole(s)		503.04	5.65	2,230.00	Tab. IX, p. 325
England	Fathom(s)		182.93	15.53	810.96	Tab. IX, p. 325
England	Pace(s)		152.45	18.64	675.80	Tab. IX, p. 325
England	Foot (feet)	(common measure)	30.49	93.22	135.16	Tab. IX, p. 325
England	Foot (feet)	(average measure)	30.45	93.33	135.00	Tab. IX, p. 325
Erfurt	Ruthe(n)		395.08	7.19	1,751.40	Tab. IX, p. 325
Erfurt	Foot (feet)		28.22	100.72	125.10	Tab. IX, p. 325
Eyderstadt	Foot (feet)		29.62	95.96	131.30	Tab. IX, p. 325
Ferrol	Codo(s)	(of 8 palmos - Rivera 'codo')	56.53	50.28	250.60	Tab. IX, p. 325
Florence	Pertica (pertiches)		274.08	10.37	1,215.00	Tab. IX, p. 325
Florence	Foot (feet)	(architecture measure)	54.82	51.85	243.00	Tab. IX, p. 325
France	Toesa(s)		194.90	14.58	864.00	Tab. IX, p. 325
France	Perche(s)		584.70	4.86	2,592.00	Tab. IX, p. 325
France	Foot (feet)	(king's measure)	32.48	87.50	144.00	Tab. IX, p. 325

City / Country / Region	Measure (plural)	Comments	Centi- metres per unit	Ricard		
				[1] Units in 100 Amsterdam voeten	[2] King's feet lines per unit	[3] Reference
Gdańsk or Dantzig	<i>Ruthe(n)</i>		430.40	6.64	1,908.00	Tab. IX, p. 325
Kraków	<i>Foot (feet)</i>		35.64	79.74	158.00	Tab. IX, p. 325
Saxony Electorat	<i>Ruthe(n)</i>		428.69	6.63	1,900.40	Tab. IX, p. 325
Scotland	<i>Foot (feet)</i>		30.66	92.71	135.90	Tab. IX, p. 325
Wroclaw or Breslau	<i>Foot (feet)</i>		28.42	100.00	126.00	Tab. IX, p. 325
Zell or Celle	<i>Ruthe(n)</i>		465.59	6.10	2,064.00	Tab. IX, p. 325
Zell or Celle	<i>Foot (feet)</i>		29.10	97.67	129.00	Tab. IX, p. 325
Franconie	<i>Ruthe(n)</i>		376.62	7.55	1,669.60	Tab. IX, p. 326
Frankfurt am Main	<i>Foot (feet)</i>		28.65	99.21	127.00	Tab. IX, p. 326
Geneva	<i>Foot (feet)</i>		48.79	58.25	216.30	Tab. IX, p. 326
Genoa or Genes	<i>Palme (palmi)</i>		25.11	113.20	111.30	Tab. IX, p. 326
Gibraltar	<i>Foot (feet)</i>		28.26	100.56	125.30	Tab. IX, p. 326
Giessen	<i>Foot (feet)</i>		29.78	95.45	132.00	Tab. IX, p. 326
Goes	<i>Foot (feet)</i>		29.98	94.81	132.90	Tab. IX, p. 326
Gota	<i>Foot (feet)</i>		28.76	98.82	127.50	Tab. IX, p. 326
Gottingen	<i>Foot (feet)</i>		29.10	97.67	129.00	Tab. IX, p. 326
Grece	<i>Foot (feet)</i>		30.63	92.78	135.80	Tab. IX, p. 326
Grenoble	<i>Foot (feet)</i>		34.11	83.33	151.20	Tab. IX, p. 326
Groningen	<i>Foot (feet)</i>		29.21	97.30	129.50	Tab. IX, p. 326
Hague, the or la Haye	<i>Foot (feet)</i>		32.48	87.50	144.00	Tab. IX, p. 326
Halle	<i>Foot (feet)</i>		29.78	95.45	132.00	Tab. IX, p. 326
Hamburg	<i>Ruthe(n)</i>		458.37	6.20	2,032.00	Tab. IX, p. 326
Hamburg	<i>Foot (feet)</i>		28.65	99.21	127.00	Tab. IX, p. 326
Hanover	<i>Ruthe(n)</i>		465.59	6.10	2,064.00	Tab. IX, p. 326
Harlem	<i>Foot (feet)</i>		29.10	97.67	129.00	Tab. IX, p. 326
Heidelberg	<i>Foot (feet)</i>		27.86	103.02	123.50	Tab. IX, p. 326
Herfordern	<i>Foot (feet)</i>		29.55	96.18	131.00	Tab. IX, p. 326
Hildesheim	<i>Ruthe(n)</i>		448.27	6.34	1,987.20	Tab. IX, p. 326
Hildesheim	<i>Foot (feet)</i>		28.02	101.45	124.20	Tab. IX, p. 326
Holstein	<i>Foot (feet)</i>		29.84	95.24	132.30	Tab. IX, p. 326
Inspruck or Innsbruck	<i>Foot (feet)</i>		31.76	89.48	140.80	Tab. IX, p. 326
Ireland	<i>Ruthe(n)</i>		639.51	4.44	2,835.00	Tab. IX, p. 326
Konigsberg or Kaliningrad	<i>Foot (feet)</i>		30.77	92.38	136.40	Tab. IX, p. 326
Leipzig	<i>Foot (feet)</i>	<i>(poor -mediocre- measure)</i>	28.22	100.72	125.10	Tab. IX, p. 326
Leipzig	<i>Foot (feet)</i>	<i>(architecture measure)</i>	28.26	100.56	125.30	Tab. IX, p. 326
Leuven or Louvain	<i>Foot (feet)</i>		28.56	99.53	126.60	Tab. IX, p. 326
Leyde or Leiden	<i>Foot (feet)</i>		31.36	90.66	139.00	Tab. IX, p. 326
Liège	<i>Foot (feet)</i>		28.76	98.82	127.50	Tab. IX, p. 326
Lisbon	<i>Foot (feet)</i>		33.86	83.94	150.10	Tab. IX, p. 326
Lisbon	<i>Palme (palmi)</i>	<i>(long measure)</i>	22.71	125.16	100.67	Tab. IX, p. 326
Lisbon	<i>Palme (palmi)</i>	<i>(short measure)</i>	21.93	129.63	97.20	Tab. IX, p. 326
London	<i>Rod(s)</i>		503.04	5.65	2,230.00	Tab. IX, p. 326
London	<i>Foot (feet)</i>	<i>(common measure)</i>	30.49	93.22	135.16	Tab. IX, p. 326
London	<i>Foot (feet)</i>	<i>(average measure)</i>	30.45	93.33	135.00	Tab. IX, p. 326
Lorraine	<i>Ruthe(n)</i>		447.55	6.35	1,984.00	Tab. IX, p. 326
Lorraine	<i>Foot (feet)</i>		28.65	99.21	127.00	Tab. IX, p. 326
Lübeck or Lubec	<i>Foot (feet)</i>		29.10	97.67	129.00	Tab. IX, p. 326
Lunebourg	<i>Ruthe(n)</i>		465.59	6.10	2,064.00	Tab. IX, p. 326
Lunebourg	<i>Foot (feet)</i>		29.10	97.67	129.00	Tab. IX, p. 326
Lyon	<i>Foot (feet)</i>		32.48	87.17	144.00	Tab. IX, p. 326
Maastricht	<i>Foot (feet)</i>	<i>(of 10 inches)</i>	28.08	101.20	124.50	Tab. IX, p. 326
Mâcon	<i>Foot (feet)</i>		33.43	85.02	148.20	Tab. IX, p. 326
Magdebourg	<i>Foot (feet)</i>		28.36	100.24	125.70	Tab. IX, p. 326
Mainz or Mayence	<i>Foot (feet)</i>		30.11	94.38	133.50	Tab. IX, p. 326
Manheim	<i>Foot (feet)</i>		29.01	97.98	128.60	Tab. IX, p. 326
Mantua or Mantoue	<i>Brasse(s)</i>		46.51	61.10	206.20	Tab. IX, p. 326
Mecheln	<i>Foot (feet)</i>		27.95	101.69	123.90	Tab. IX, p. 326
Mecklenbourg	<i>Foot (feet)</i>		29.10	97.67	129.00	Tab. IX, p. 326
Middlebourg	<i>Foot (feet)</i>		30.00	94.74	133.00	Tab. IX, p. 326
Milan	<i>Brasse(s)</i>		48.86	58.17	216.60	Tab. IX, p. 326
Milan	<i>Foot (feet)</i>		39.70	71.59	176.00	Tab. IX, p. 326
Moscow	<i>Foot (feet)</i>		33.45	84.96	148.30	Tab. IX, p. 326
Mumpelgarde	<i>Ruthe(n)</i>		459.82	6.18	2,038.40	Tab. IX, p. 326
Mumpelgarde	<i>Foot (feet)</i>		28.74	98.90	127.40	Tab. IX, p. 326
Munich	<i>Foot (feet)</i>		22.24	127.79	98.60	Tab. IX, p. 326
Naples	<i>Palme (palmi)</i>		26.37	107.78	116.90	Tab. IX, p. 326
Neuchâtel	<i>Foot (feet)</i>		30.00	94.74	133.00	Tab. IX, p. 326
Nuremberg	<i>Ruthe(n)</i>		486.17	5.84	2,155.20	Tab. IX, p. 326
Nuremberg	<i>Foot (feet)</i>		30.39	93.54	134.70	Tab. IX, p. 326

City / Country / Region	Measure (plural)	Comments	Centi- metres per unit	Ricard		
				[1] Units in 100 Amsterdam voeten	[2] King's feet lines per unit	[3] Reference
Oldenburg (on the Hunte)	Foot (feet)		29.62	95.96	131.30	Tab. IX, p. 326
Osnabrück	Foot (feet)		27.93	101.78	123.80	Tab. IX, p. 326
Padua	Foot (feet)		35.42	80.25	157.00	Tab. IX, p. 326
Palermo	Palme (palmi)		24.20	117.80	107.30	Tab. IX, p. 326
Paris	Toise(s)		194.90	14.58	864.00	Tab. IX, p. 326
Paris	Foot (feet)	(king's measure)	32.48	87.50	144.00	Tab. IX, p. 326
Parma	Brasse(s)		54.66	52.00	242.30	Tab. IX, p. 326
Pavie	Brasse(s)		46.92	60.58	208.00	Tab. IX, p. 326
Perse	Arisch		97.22	29.17	431.00	Tab. IX, p. 326
Piacenza	Brasse(s)		54.66	52.00	242.30	Tab. IX, p. 326
Pomerania	Foot (feet)		29.21	97.30	129.50	Tab. IX, p. 326
Prague	Foot (feet)		30.18	94.17	133.80	Tab. IX, p. 326
Ratzebourg	Foot (feet)		29.10	97.67	129.00	Tab. IX, p. 326
Regge	Brasse(s)		52.98	53.65	234.85	Tab. IX, p. 326
Rével, Reval or Tallinn	Foot (feet)		26.78	106.15	118.70	Tab. IX, p. 326
Rhin	Ruthe(n)		376.62	7.54	1,669.60	Tab. IX, p. 326
Rhin	Foot (feet)		31.38	90.56	139.13	Tab. IX, p. 327
Riga	Foot (feet)		27.41	103.70	121.50	Tab. IX, p. 327
Rimini	Brasse(s)		54.36	52.28	241.00	Tab. IX, p. 327
Rome	Foot (feet)	(ancient measure)	29.78	95.45	132.00	Tab. IX, p. 327
Rome	Foot (feet)	(new measure)	29.46	96.48	130.60	Tab. IX, p. 327
Rome	Palme (palmi)	(new measure)	22.33	127.28	99.00	Tab. IX, p. 327
Rome	Canne(s)	(architecture measure)	223.32	12.73	990.00	Tab. IX, p. 327
Rostock	Foot (feet)		28.92	98.28	128.20	Tab. IX, p. 327
Rotterdam	Foot (feet)		31.24	90.97	138.50	Tab. IX, p. 327
Rouen	Foot (feet)		27.07	105.00	120.00	Tab. IX, p. 327
Russia	Foot (feet)	(Rhin measure)	31.38	90.56	139.13	Tab. IX, p. 327
Russia	Foot (feet)	(England measure)	30.45	93.33	135.00	Tab. IX, p. 327
Samos	Foot (feet)		34.60	82.14	153.40	Tab. IX, p. 327
Sardinia	Palme (palmi)	(Sardinia measure)	25.11	113.21	111.30	Tab. IX, p. 327
Sardinia	Palme (palmi)	(Cagliari measure)	20.26	140.31	89.80	Tab. IX, p. 327
Savoy	Foot (feet)		27.07	105.00	120.00	Tab. IX, p. 327
Saxony	Ruthe(n)		428.69	6.63	1,900.40	Tab. IX, p. 327
Sedan	Foot (feet)		27.75	102.44	123.00	Tab. IX, p. 327
Siam	Ken		96.10	29.58	426.00	Tab. IX, p. 327
Silesia	Ruthe(n)		431.76	6.58	1,914.00	Tab. IX, p. 327
Stade	Foot (feet)		29.10	97.67	129.00	Tab. IX, p. 327
Stetin	Foot (feet)		28.26	100.56	125.30	Tab. IX, p. 327
Stockholm	Foot (feet)		29.69	95.74	131.60	Tab. IX, p. 327
Stralfund	Foot (feet)		28.26	100.56	125.30	Tab. IX, p. 327
Strasbourg	Foot (feet)	(town measure)	28.93	98.23	128.27	Tab. IX, p. 327
Strasbourg	Foot (feet)	(countryside measure)	29.53	96.26	130.90	Tab. IX, p. 327
Sweden	Ruthe(n)		474.98	5.98	2,105.60	Tab. IX, p. 327
Sweden	Faum		178.12	15.95	789.60	Tab. IX, p. 327
Sweden	Foot (feet)		29.69	95.74	131.60	Tab. IX, p. 327
Switzerland	Foot (feet)		30.00	94.73	133.00	Tab. IX, p. 327
Toledo	Foot (feet)		28.26	100.56	125.30	Tab. IX, p. 327
Turin	Foot (feet)		32.30	87.99	143.20	Tab. IX, p. 327
Ulm	Foot (feet)		28.90	98.36	128.10	Tab. IX, p. 327
Urbain	Foot (feet)		35.42	80.25	157.00	Tab. IX, p. 327
Utrecht	Foot (feet)		27.29	104.21	121.00	Tab. IX, p. 327
Venice	Foot (feet)		34.74	81.82	154.00	Tab. IX, p. 327
Verden	Foot (feet)		29.10	97.67	129.00	Tab. IX, p. 327
Verona	Foot (feet)		34.74	81.82	154.00	Tab. IX, p. 327
Vienna, in Austria	Foot (feet)		32.03	88.73	142.00	Tab. IX, p. 327
Vienna, in Dauphiné	Foot (feet)		32.26	88.11	143.00	Tab. IX, p. 327
Wittenberg	Foot (feet)		69.03	41.17	306.00	Tab. IX, p. 327
Württemberg	Ruthe(n)	(large)	470.78	6.03	2,087.00	Tab. IX, p. 327
Württemberg	Ruthe(n)	(small)	376.60	7.54	1,669.50	Tab. IX, p. 327
Zell or Celle	Foot (feet)		29.10	97.67	129.00	Tab. IX, p. 327
Zirickzée	Foot (feet)		31.04	91.57	137.60	Tab. IX, p. 327
Zurich	Foot (feet)		30.00	94.73	133.00	Tab. IX, p. 327
Zurich	Ruthe(n)		300.02	9.47	1,330.00	Tab. IX, p. 327
Zurich	Klafter		186.33	15.24	826.00	Tab. IX, p. 327