

## ÖLÇÜ DEĞİŞİM TABLOSU

Uzunluk	cm	m	km	inch	ayak	yarda	k.mil	d.mil		
1 santimetre (cm)	1	0.01	-	0.3937	0.0328	-	-	-	-	-
1 metre (m)	100	1	0.001	39.37	3.281	1.094	-	-	-	-
1 kilometre (km)	10 <sup>5</sup>	1000	1	39370	3281	1094	0.6214	0.5396	-	-
1 inch	2.540	0.0254	-	1	0.833	0.0278	-	-	-	-
1 foot (ayak) (ft)	30.48	0.3048	-	12	1	0.3333	-	-	-	-
1 yarda	91.44	0.9144	-	36	3	1	-	-	-	-
1 kara mili	-	1609	1.609	63360	5280	1760	1	0.8684	-	-
1 deniz mili	-	1852	1.852	72960	6080	2027	1.152	1	-	-

Alan	cm <sup>2</sup>	m <sup>2</sup>	a	ha	km <sup>2</sup>	in <sup>2</sup>	ft <sup>2</sup>	yarda <sup>2</sup>	mil <sup>2</sup>	acre
1 santimetrekare (cm <sup>2</sup> )	1	0.0001	-	-	-	0.155	-	-	-	-
1 metrekare (m <sup>2</sup> )	10000	1	0.01	-	-	1550	10.76	1.196	-	-
1 ar (a)	-	100	1	0.01	-	-	1076	119.6	-	0.0247
1 hektar (ha)	-	10000	100	1	0.01	-	-	0.0039	2.47	-
1 kilometrekare (km <sup>2</sup> )	-	-	1000	100	1	-	-	-	0.3861	247.1
1 inch kare (in <sup>2</sup> )	6.452	-	-	-	-	-	-	-	-	-
1 foot kare (ft <sup>2</sup> )	929	0.0929	-	-	-	144	1	0.111	-	-
1 yarda <sup>2</sup>	8361	0.8361	-	-	-	1296	9	1	-	-
1 mil <sup>2</sup>	-	-	-	259	2.59	-	-	-	-	640
1 acre	-	4050	40.5	0.405	-	-	43640	4850	0.0016	1

Ağırlık	gr	kg	k	metrik ton	onz	libre pound	stone	küçük ton	büyük ton
1 gram (gr)	1	0.001	0.00001	-	0.0352	-	-	-	-
1 kilogram (kg)	1000	1	0.01	0.001	35.273	2.205	0.157	0.0011	0.00098
1 kental (k)	100000	100	1	0.100	3527	220	15.74	0.11	0.098
1 ton (metrik)	-	1000	10	1	35273	2204.6	157.47	1.1023	0.9842
1 onz	28.35	0.028	0.00028	-	1	0.0625	0.004	-	-
1 libre (pound)	453.6	0.453	0.00453	-	16	1	0.071	-	-
1 stone	6350	6.35	0.0635	0.0064	224	14	1	0.007	0.0063
1 küçük ton	907.190	907.2	9.072	0.907	32000	2000	142.9	1	0.8929
1 büyük ton	1016050	1016	10.16	1.016	35840	2240	160	1.120	1

Hacim	cm <sup>3</sup>	dm <sup>3</sup> litre	in <sup>3</sup>	ft <sup>3</sup>	yarda <sup>3</sup>	ABD onz	İng. onz	ABD galon	İng. galon	İng. pint
1 santimetre küp (cm <sup>3</sup> )	1	0.001	0.061	-	-	0.038	0.353	-	-	-
1 desimetre küp (dm <sup>3</sup> )	1000	1	61.02	0.035	-	33.81	35.3	0.2642	0.22	1.76
1 inch (in <sup>3</sup> )	16.39	0.0164	1	-	-	0.5541	0.5768	-	-	0.0288
1 foot (ayak) küp (ft <sup>3</sup> )	-	23.32	1728	1	0.0370	957.5	966.6	7.481	6.228	49.83
1 yarda <sup>3</sup>	-	764.6	46656	27	1	25853	26909	202	168.2	1345
1 onz (ABD)	29.57	0.0295	1.805	-	-	1	1.041	-	-	0.0520
1 onz (İng.)	28.41	0.0284	1.734	-	-	0.9607	1	-	-	0.05
1 galon (ABD)	3785	3.785	231	0.1337	-	128	133.2	1	0.8327	6.662
1 galon (İng.)	4546	4.546	277.4	0.1603	-	153.7	160	1.201	1	8
1 pint (İng.)	568.2	0.5682	34.68	0.02	-	19.21	20	0.1501	0.125	1

<b>Enerji, İş ve Isı</b>	<b>j</b>	<b>kwh</b>	<b>kgf.m</b>	<b>kcal</b>	<b>erg</b>	<b>psh</b>	<b>hph</b>	<b>btu</b>	<b>ft.lbf</b>	<b>It atm</b>
1 jul (j)=N.m=w.s	1	2.778x10 <sup>-7</sup>	0.1019	2.388x10 <sup>-4</sup>	10 <sup>7</sup>	3.777x10 <sup>-7</sup>	3.725x10 <sup>-4</sup>	9.478x10 <sup>-4</sup>	0.7375	0.00986
1 kilowattsaat (kwh)	3.6x10 <sup>6</sup>	1	3.671x10 <sup>5</sup>	859.845	3.6x10 <sup>13</sup>	1.3596	1.3410	3412.14	2.655x10 <sup>6</sup>	35528
1 kilogram kuvvet m (kgf.m)	9.8066	2.724x10 <sup>-6</sup>	1	0.00234	9.806x10 <sup>7</sup>	3.703x10 <sup>-6</sup>	3.653x10 <sup>-6</sup>	0.00929	7.233	0.0967
1 kilo kalori (kcal)	4186.8	0.00116	426.939	1	4187x10 <sup>7</sup>	0.00158	0.00156	3.9683	3088.02	41.32
1 erg	10 <sup>-7</sup>	2.778x10 <sup>-14</sup>	1.019x10 <sup>-8</sup>	2.38x10 <sup>-11</sup>	1	3.777x10 <sup>-14</sup>	3.725x10 <sup>-4</sup>	9.478x10 <sup>-11</sup>	7.376x10 <sup>-8</sup>	9.869x10
1 metrik beygörgücü.s (phs)	2.648x10 <sup>5</sup>	0.73549	270.000	632.41	2.648x10 <sup>13</sup>	1	0.9863	2509.62	1.952x10 <sup>6</sup>	26131
1 beygörgücü s (hph)	2.644x10 <sup>5</sup>	0.7457	2.737x10 <sup>5</sup>	641.186	2.648x10 <sup>13</sup>	1.0139	1	2544.43	1.98x10 <sup>6</sup>	26439
1 İng. ısı birimi (btu)	1055.06	2.931x10 <sup>-4</sup>	107.586	0.2519	1055x10 <sup>7</sup>	3.985x10 <sup>-4</sup>	3.930x10 <sup>-4</sup>	1	778.168	10.41
1 foot libre kuvvet (ft.lbf)	1.3558	3.766x10 <sup>-7</sup>	0.1382	3.23x10 <sup>-4</sup>	1.355x10 <sup>7</sup>	5.120x10 <sup>-7</sup>	5.050x10 <sup>-7</sup>	0.00128	1	0.0133
1 litre atmosfer (atm)	101.3	2.815x10 <sup>-5</sup>	10.3	0.0242	101.3x10 <sup>7</sup>	3.827x10 <sup>-5</sup>	3.775x10 <sup>-5</sup>	0.0960	74.74	1

<b>Basınç</b>	<b>atm</b>	<b>at kgf/cm<sup>2</sup></b>	<b>psi lbf/in<sup>2</sup></b>	<b>torr mm Hg</b>	<b>bar</b>	<b>paskal N/m<sup>2</sup></b>
1 normal atm. 0 C'de 760 mm cıvanın ağırlığı (atm)	1	1.0332	14.655	760	1.01325	101325
1 metrik atmosfer (at)	0.9678	1	14.223	735.559	0.9806	98066.5
1 psi	0.0680	0.0703	1	51.714	0.0689	6895
1 torr	1.315x10 <sup>-3</sup>	1.359x10 <sup>-3</sup>	0.0193	1	1.333x10 <sup>-3</sup>	133.32
1 bar = 10 <sup>5</sup> dyn / cm <sup>2</sup>	0.9869	1.0197	14.503	750.062	1	10 <sup>5</sup>

Güç	kgf.m/s	kw	kcal/s	erg/s	ps	hp	ft.lp/s	ft.lb/dak	btu/s	btu/dak
1 kilogram kuvvet m (kgf.m/s)	1	0.00980	0.00234	9.807x10 <sup>7</sup>	0.0133	0.01315	7.2330	433.98	0.00929	0.557
1 kilowatt (kw)	101.972	1	0.2388	10 <sup>10</sup>	1.3596	1.3410	737.562	4.426x10 <sup>4</sup>	0.9478	56.89
1 kilo kalori/s (Kcal/s)	426.9	4.1868	1	4187x10 <sup>7</sup>	5.692	5.614	3088.05	185280	3.9683	238.08
1 erg/s	1.020x10 <sup>-8</sup>	10 <sup>-10</sup>	2.388x10 <sup>-11</sup>	1	1.360x10 <sup>-10</sup>	1.341x10 <sup>-10</sup>	7.376x10 <sup>-8</sup>	4.426x10 <sup>-6</sup>	9.481x10 <sup>-11</sup>	5.689x10 <sup>-9</sup>
1 metrik beygirgücü (ps)	75	0.73549	0.1756	7.355x10 <sup>9</sup>	1	0.9863	542.476	3.255x10 <sup>4</sup>	0.6971	41.83
1 beygirgücü (hp)	76.040	0.7457	0.1781	7.457x10 <sup>9</sup>	1.0138	1	550	3.3x10 <sup>4</sup>	0.7067	42.41
1 foot libre kuvvet/s (ft.lb/s)	0.1382	0.00135	3.238x10 <sup>-4</sup>	1.356x10 <sup>7</sup>	0.00184	0.00181	1	60	0.00128	0.0771
1 foot libre kuvvet/d (ft.lb/dak)	2.305x10 <sup>-3</sup>	2.260x10 <sup>-5</sup>	5.396x10 <sup>-6</sup>	2.259x10 <sup>5</sup>	3.072x10 <sup>-5</sup>	3.030x10 <sup>-5</sup>	0.0166	1	2.141x10 <sup>-5</sup>	1.285x10 <sup>-3</sup>
1 İng. ısı birimi/s (Btu/s)	107.586	1.0550	0.2519	1055x10 <sup>7</sup>	1.4345	1.4149	778.17	4.670x10 <sup>4</sup>	1	60
1 İng. ısı birimi/d. (Btu/d)	1.793	0.0175	4.2x10 <sup>-3</sup>	1.758x10 <sup>8</sup>	0.0239	0.0235	12.97	778.0	0.0166	1

Kuvvet	N	din	kgf	lbf	poundal
1 newton (N) = kg.m/s <sup>2</sup>	1	10 <sup>5</sup>	0.1019	0.2248	7233
1 dyn (din) = gr.cm/s <sup>2</sup>	10 <sup>5</sup>	1	1.019x10 <sup>-6</sup>	2.248x10 <sup>-6</sup>	7.233x10 <sup>-5</sup>
1 kilogram kuvvet (kgf) = kg 9.80665 m/s <sup>2</sup>	9.80665	980665	1	2.2046	70.93
1 libre kuvvet (lbf) = lb.ft/s <sup>2</sup>	4.4480	444805	0.4536	1	32.17
1 poundal = lb.ft/s <sup>2</sup>	0.1383	13825	0.0141	0.0310	1