

# Birim Dönüşümleri

## Unit Transformation

### UZUNLUK LENGHT

1 mil	= 0.0254 mm
1 in (inch)	= 25.4 mm
1 ft (foot)	= 0.3048 m
1 yd (yard)	= 0.9144 m
1 ch (chain)	= 20.1 m
1 mile (kara-land)	= 1.609 km
1 mile (deniz-sea)	= 1.852 km

### AĞIRLIK WEIGHT

1 grain	= 64.8 mg
1 dram	= 1.77 g
1 oz (ounce)	= 28.35 g
1 lb (pound)	= 0.4536 Kp
1 stone	= 6.35 Kp
1 US-cwt	= 45.36 Kp
1 US ton (short ton)	= 0.907 t
1 brit. Ton (long ton)	= 1.016 t

### ALAN AREA

1 CM (circ. mil)	= 0.507 x 10 <sup>-3</sup> mm <sup>2</sup>
1 MCM	= 0.5067 mm <sup>2</sup>
1 sq.inch	= 645.16 mm <sup>2</sup>
1 sq.foot	= 0.0929 mm <sup>2</sup>
1 sq.yard	= 0.836 m <sup>2</sup>
1 acre	= 4047 m <sup>2</sup>
1 sq.mile	= 2.59 km <sup>2</sup>

### HIZ VELOCITY

1 mile/h	= 1.609 km/h
1 Knoten	= 1.852 km/h
1 ft / s	= 0.305 m/s
1 ft / min	= 5.08 x 10 <sup>-3</sup> m/s

### HACİM VOLUME

1 cubic inch	= 16.39 cm <sup>3</sup>
1 cubic foot	= 0.0283 m <sup>3</sup>
1 cubic yard	= 0.7646 mm <sup>3</sup>
1 liquid gallon	= 3.79 lt.
1 pint	= 0.473 lt.
1 quart	= 0.946 lt.
1 prit gallon	= 4.53 lt.
1 barrel	= 119.2 lt.

### ENERJİ ENERGY

1 lb / mile	= 0.282 kg/m
1 lb / yard	= 0.496 kg/m
1 lb / foot	= 1.488 kg/m
1 kcal	= 1.16 x 10 <sup>3</sup> kWh
1 kWh	= 360 kcal

### BASINÇ PRESSURE

1 psi (Lb/sq.)	= 68.95 mbar
	= 6.895 x 10 <sup>-3</sup> Nmm <sup>2</sup>
1 lb / sq.ft.	= 0.478 mbar
1 pdl / sq.ft.	= 1.489 N/m <sup>2</sup>
1 in Hg	= 33.86 mbar
1 ft H <sub>2</sub> O	= 29.89 mbar
1 in H <sub>2</sub> O	= 2.491 mbar
1 N / mm <sup>2</sup>	= 145 psi
	= 10 bar
1 kp / mm <sup>2</sup>	= 1422 psi
1 at	= 736 Torr
	= 1 kp/cm <sup>2</sup>
1 Torr	= 1 mm Hg
1 bar	= 0.1 H Pa
1 Pa	= 1 N / m <sup>2</sup>

### ELEKTRİK ÖLÇÜLERİ ELECTRIC

1 ohm / 1000 yd	= 1.0936 Ω/km
1 ohm / 1000 ft	= 3.28 Ω/km
1 μF / mile	= 0.62 μF/km
1 megaohm / mile	= 1.61 MΩ/km
1 μμF / foot	= 3.28 pF/m
1 decibel / mile	= 71.5 mN/m

### GÜÇ ORANI GÜÇ ORANI ENG

1 PS	= 0.736 kW
1 kW	= 1.36 PS
1 hp	= 0.7457 kW
1 kW	= 1.31 hp

### YOĞUNLUK DENSITY

1 lb / cu.ft.	= 16.02 kg/m <sup>3</sup>
1 lb / cu.in.	= 27.68 t/m <sup>3</sup>

### GÜÇ FORCE

1 lb	= 4.448 N
1 brit ton	= 9954 N
1 pdl (Poundal)	= 0.1383 N
1 kp	= 9.81 N
1 N	= 1.02 kp

### BEYGİR GÜCÜ HORSE FORCES

1 hpxh	= 1.0139 PSxh
	= 2.684x10 <sup>6</sup> Joule
	= 746 Wxh
1 BTU (brit.therm.unit)	= 1055 Joule
	= 0.252 kcal

### ISI DEĞİŞİM FORMÜLÜ TEMPERATURE CONVERSION C°/F°

