











SolutionBase®

A few "every day" things.

Resistor Colour Code.

Colour	Value
	Black 0
	Brown 1
	Red 2
	Orange 3
	Yellow 4
	Green 5
	Blue 6
	Violet 7
	Grey 8
	White 9

Some Multipliers:

Big numbers, little numbers: using exponential notation and their values etc.

A hint to help the forgetful. Both m and M are used below, with M the bigger of the two. So if there is a duplicate, the capital is used for those values above 1.

Prefix	Symbol	Multiplication Factor - Exponential form	Multiplication Factor using lots of 0's.
terra	T	10^{12}	1,000,000,000,000.0
giga	G	10^9	1,000,000,000.0
mega	M	10^6	1,000,000.0
kilo	k	10^3	1,000.0
hecto	h	10^2	100.0
deca	da	10^1	10.0
-----	-----	10^0	1.0
deci	d	10^{-1}	0.1
centi	c	10^{-2}	0.01
milli	m	10^{-3}	0.001
micro	μ	10^{-6}	0.000001
nano	n	10^{-9}	0.000000001
pico	p	10^{-12}	0.000000000001
femto	f	10^{-15}	0.000000000000001
atto	a	10^{-18}	0.000000000000000001

Copyright © 1998-2003 by Cable Labels - Cabel Labels Pty. Ltd. and Ashley Leach & Associates Pty Ltd.

Permission to make digital or hard copies of this work in its entirety for personal, classroom or professional use is granted without charge provided that the copies contain this copyright notice and are not distributed for profit or commercial gain.

Cable Labels - Cabel Labels Pty. Ltd.

Phone: 61 3 9870 3051 Fax: 61 3 9870 2765 Mobile: 0427 047 167 International: 61 427 047 167
internet: <http://www.cabelabels.com.au> email: support@cabelabels.com.au
P. O. Box 267 Ringwood, Melbourne, Australia, 3134. 5 Albany Close Ringwood North, Melbourne, Australia, 3134.
©Registered Trademark of Cable Labels - Cabel Labels Pty. Ltd. (ABN 16 006 867 465)
SolutionBase is a Registered Trademark of Ashley Leach & Associates Pty. Ltd. (ABN 73 006 403 041)