

MATLAB Graphics: PreDefined Colors

Notes:

There are eight predefined colors named by the mnemonics c, m, y, r, g, b, k, and w.

Example Script:









```
% Script File: ShowPredefinedColors
% How reference the eight predefined colors.

close all
plot([-1 10 10 -1 -1],[-3 -3 18 18 -3],'k','Linewidth',3)
axis off
text(2.6,16.5,'Pre-defined Colors','FontSize',14)

% The predefined colors.
x = [0 3 3 0 0];
y = [-.5 -.5 .5 .5 -.5];
hold on
fill(x,y,'c')
text(4,0,'cyan      ''c''      [0 1 1]','FontName','Courier','FontSize',12)
fill(x,y+2,'m')
text(4,2,'magenta   ''m''      [1 0 1]','FontName','Courier','FontSize',12)
fill(x,y+4,'y')
text(4,4,'yellow     ''y''      [1 1 0]','FontName','Courier','FontSize',12)
fill(x,y+6,'r')
text(4,6,'red        ''r''      [1 0 0]','FontName','Courier','FontSize',12)
fill(x,y+8,'g')
text(4,8,'green      ''g''      [0 1 0]','FontName','Courier','FontSize',12)
fill(x,y+10,'b')
text(4,10,'blue       ''b''      [0 0 1]','FontName','Courier','FontSize',12)
fill(x,y+12,'k')
text(4,12,'black      ''k''      [0 0 0]','FontName','Courier','FontSize',12)
fill(x,y+14,'w')
text(4,14,'white      ''w''      [1 1 1]','FontName','Courier','FontSize',12)

hold off
```

Output:

Pre-defined Colors			
	white	'w'	[1 1 1]
	black	'k'	[0 0 0]
	blue	'b'	[0 0 1]
	green	'g'	[0 1 0]
	red	'r'	[1 0 0]
	yellow	'y'	[1 1 0]
	magenta	'm'	[1 0 1]
	cyan	'c'	[0 1 1]