
Subject: Re: Color tables

Posted by [Ken Mankoff](#) on Thu, 07 Mar 2002 15:05:30 GMT

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On Thu, 7 Mar 2002, Robert Stockwell wrote:

> Clive Cook wrote:

>> Is there any where on the web i can download color table files that other

>> people have put together?

Here is my colortable production code:

Note that if you call it with the /DISPLAY keyword, you need the JHU
cbar.pro program

```
pro snoect, display=display
;      RED GRN BLU LOC
rgb = [ [ 000, 000, 000, 000 ], $ ; first pixel (0) is black
        [ 000, 000, 255, 001 ], $ ; blue (true)
        [ 000, 150, 255, 032 ], $ ; mid blue
        [ 000, 220, 220, 060 ], $ ; blue/green
        [ 000, 255, 000, 110 ], $ ; green (true)
        [ 150, 255, 000, 120 ], $ ; lime green
        [ 255, 255, 000, 150 ], $ ; yellow
        [ 255, 220, 000, 180 ], $ ; gold
        [ 255, 150, 000, 225 ], $ ; orange
        [ 255, 000, 000, 254 ], $ ; red (true)
        [ 255, 255, 255, 255 ] ] ; last pixel (255) is white
```

```
r = interpol( rgb[ 0, * ], rgb[3,*], indgen(256) ) >0<255
g = interpol( rgb[ 1, * ], rgb[3,*], indgen(256) ) >0<255
b = interpol( rgb[ 2, * ], rgb[3,*], indgen(256) ) >0<255
tvlct, r, g, b
```

```
if ( keyword_set( display ) ) then begin
  IF ( !d.name EQ 'X' ) THEN window, 2
  plot, rgb[3,*], rgb[0,*], /xst, position=[.1,.3,.9,.9], $
    /yst, yrange=[0,256], $
    xtickv=indgen(9)*32, xticks=10, charsize=1.5
  oplot, rgb[3,*], rgb[0,*], color=254, thick=3, psym=-6
  oplot, rgb[3,*], rgb[1,*], color=110, thick=3, psym=-6
  oplot, rgb[3,*], rgb[2,*], color=40, thick=3, psym=-6
  cbar, position=[.1,.1,.9,.2], /xst, xtickv=indgen(9)*32, xticks=10
endif
end
```
