
Subject: Re: cgcontour colours for 2 panel plot
Posted by [Phillip Bitzer](#) on Wed, 12 Jun 2013 16:25:24 GMT
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If I may, let me throw a different way of handling this in here, that doesn't bother with color tables.

Let's say you have 5 levels you want. Here's some pseudo-code below. You shouldn't have to worry about where in the color table one range falls relative to the other in this case.

I've also put a snippet of some IDL notes I have up that may or may not help here:
<https://docs.google.com/file/d/0BxRn65i6z-Z5bjhFUUM1RWNVb0k/edit?usp=sharing>

```
;define some colors
colors = ['blue', 'red', 'green', 'yellow', 'orange']

nLev = N_ELEMENTS(colors)

;and get the palette for these colors:
rgb = cgCOLOR(colors, /TRIPLE)

;define some levels:
levs = FINDGEN(nLev)*10

;and make the plots:
cgContour, data1, LEVELS = levs, PALETTE=rgb
cgContour, data2, LEVELS = levs, PALETTE=rgb

;now define the tickmarks for the colorbar:
l_ticks = [STRING(levs, FORMAT='(F4.1)'), ' ']

;now make the color bar
cgCOLORBAR, NCOLORS=nLev, PALETTE=rgb, DIVISION=nLev, TICKNAMES=l_ticks
```
