
Subject: FSC_color and loadct clashing

Posted by [russell.grew](#) on Sun, 17 Jun 2007 05:35:54 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi,

I've spent some time today making contour plots.

Huge thanks for David Fanning for his routines.

I have struck a problem! I really want my contour plot to have the Hue Sat Lightness (loadCT, 20) colours, but I want a black set of axes inclusive of colorbar. Currently running windows and plotting to screen, but need to plot to 'x' and 'ps' also.

Thus, my code has:

```
; getting contours sorted
levels = 25
step = (maxz - minz) / levels
userLevels = IndGen(levels) * step + minz
```

```
loadct, 20
```

```
black = FSC_Colors('black')
```

```
device, decomposed = 0
```

```
Window, 0, Title='Display Output', XSize=800, YSize=600
```

```
Contour, powerspec, x, y, /Fill, Position=[0.07, 0.1, 0.9, 0.90], $
  Levels=userLevels, yrange = [0, 1], zrange = [minz, maxz], xrange =
[0, max(x)], $
xstyle = 1, ytitle = 'Frequency (Hz)', xtitle = 'Time', color = black
```

```
colorbar, Title='Power (dB)', Range=[minz,maxz], vertical = 1, $
  Position = [0.92, 0.1, 0.94, 0.9], right = 1, divisions = 4, color =
black
```

The problem is, there's a black line through my colorbar at the equivalent of black (in this case green) for color table 20. If I reverse the loadct and FSC_color commands, everything gets wrapped in a green box.

Any idea how I can make my axes & labels black without getting a black line through my colorbar?

Thanks.

Russell.
