
Subject: Re: imcontour no longer plotting in color
Posted by [Balthasar Indermuehle](#) on Thu, 02 Aug 2012 10:16:58 GMT
[View Forum Message](#) <> [Reply to Message](#)

To add some more information... Here's how the plotting goes, can anyone see a flaw in this? the result is a plot in black and white with contours drawn correctly, and the colorbar in color!

Setting things up:

```
!p.multi = [0, 1, 1 ] ; plot 1 x 1 plots on one sheet. Set to 0, 2, 2 if you want 2 x 2 plots for example
SET_PLOT, 'PS'
DEVICE, filename=fname, XSIZE=22, YSIZE=22, /COLOR, BITS=8, /ENCAPSULATED,
FONT_SIZE=8
TVLCT, INDGEN(256), INDGEN(256), INDGEN(256)
```

Load the colour table:

```
cgLoadCT, colourtable, RGB_Table=pal, CLIP=[1, MAX(data_map)/MAX(data_map)*255],
/BREWER, /REVERSE
```

```
IMCONTOUR, data_map, HDR_MOM, TITLE=title, NLEVELS=num_colours, /FILL,
POSITION=pos, PALETTE=pal, TYPE=1, CHARSIZE=1, /OVERLAY
```

```
; add contours
CONTOUR, data_map, x, y, levels=INDGEN(num_cont) * (cp / (num_cont-1.0D)) + (cp / 2),
/FOLLOW, /OVERPLOT
```

```
plot the colour bar
pos=[0.92, 0.1, 0.94, 0.9]
cgColorbar, Title=title, Divisions=12, NColors=num_colours, $
Range=[MIN(data_map),MAX(data_map)], TickLen=1.0, POSITION=pos, Charsize=1, $
PALETTE=pal, /VERTICAL, /RIGHT, FORMAT='(D0.2)'
```