
Subject: color and tvellipse

Posted by [Gray](#) on Tue, 15 Mar 2011 21:01:23 GMT

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Hi all,

I want to draw a number of ellipses with TVEllipse, and have the color of each ellipse correspond to one of the colors in a discrete colorbar. I'm using CG, so I created the plot with cgPlot, /nodata... then I loaded the color table with cgLoadCT, and created the colorbar with cgDCBar. However, when I try to use the color indices with TVEllipse, they all are plotted in black. Any suggestions?

Here's my code:

```
cgplot, indgen(3), /nodata, xra=[x0,x1], yra=[y0,y1],$
  xst=1, yst=1, charsize=1.25, xtitle='Right Ascension (hours)', $
  ytitle='Declination (hours)', title='Survey Extent', $
  position=[0.1,0.1,0.85,0.9]
for i=0,nd-1 do $
  cgplots, ra[*], dec[*],i
for i=0,nr-1 do $
  cgplots, ra[i,*], dec[i,*]
cgloadct, 25, /brewer, ncolors=12, bottom=1
cgdcbar, ncolors=12, bottom=1, color='navy', $
  labels=themoths(/abbrev),/vertical
for i=0,nday-1,10 do tvellipse,3,45,ra0[i],dec0[i],0,months[i],/data
```
