Posted by David Fanning on Tue, 15 Mar 2011 21:10:53 GMT

Gray writes:

> 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[*,i], 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=themonths(/abbrev),/vertical
>   for i=0,nday-1,10 do tvellipse,3,45,ra0[i],dec0[i],0,months[i],/data

I guess "months[i]" must be the "color". I don't
know what is in there, but if it is a number, I
would make it a color like this:

   color = cgColor(StrTrim(months[i],2))

Cheers,

David


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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")