
Subject: Re: Missing fill colours in contour plot
Posted by [David Fanning](#) on Wed, 16 Jan 2013 14:34:52 GMT
[View Forum Message](#) <> [Reply to Message](#)

ljs15@fsmail.net writes:

- > Right, I've just done some more checking, and when I specify the colour values to range from 0-255 it works, but when I set them to range from 0-250 it doesn't. The two plots are shown at <http://www.physics.open.ac.uk/~lstele/contour2>.
- >
- > In the two plots shown, the left is done using `ccol=floor(findgen(ncont)/(ncont-1)*255)` and the right is done using `ccol=floor(findgen(ncont)/(ncont-1)*250)`, with `ncont=30`. So, the only change is going from 255 to 250, with the contours being correct at 255.
- >
- > Does anyone know why this would be causing a problem?

I think you have a fairly odd way of selecting colors and contours, which is causing a mismatch between the contours, the data, and the colors. What happens if you set the contours and colors up this way:

```
minv = Floor(min(array))
maxv = Ceil(max(array))
ncont = 30
clevels = Findgen(ncont) * ((maxv - minv) / ncont) + minv
LoadCT, 25, NCOLORS=ncont, BOTTOM=1
ccol= Bindgen(ncont)+1B
```

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
