
Subject: Re: how to draw contour with continue color?
Posted by [xqinshan](#) on Sun, 16 Nov 2008 13:34:25 GMT
[View Forum Message](#) <> [Reply to Message](#)

```
>
>
>
>
>
>> xqinshan writes:
>>> Hi, I use "contour...nlevels=.../fill" to get contour plot. The color
>>> variation is seperated. Although if I set nlevels=50 or more it looks
>>> better, but the contour color is not continuous. When I donot set
>>> nleves for "colorbar", the color of colorbar is continuous. But how can
>>> I do for contour?
>
>> You want an image, not a filled contour plot.
>
>> data = Dist(300)
>> step = (Max(data) - Min(data)) / 16.
>> levels = Indgen(16) * step + Min(data)
>> Device, Decomposed=1
>> CTLoad, 4, /Brewer
>> pos = [0.15, 0.15, 0.9, 0.75]
>> Erase, Color=FSC_Color('ivory')
>> TVImage, BytScl(data), POSITION=pos
>> Contour, data, /NOERASE, POSITION=pos, XSTYLE=1, YSTYLE=1, $
>>   LEVELS=levels, COLOR=FSC_Color('black'), $
>>   C_LABEL=Replicate(1, 16)
>> Colorbar, NCOLORS=256, RANGE=[Min(data), Max(data)], DIVISIONS=4, $
>>   POSITION=[0.15, 0.8, 0.9, 0.85], /TOP, COLOR=FSC_Color('black')
>
>> Cheers,
>
>> David
>> --
>> David Fanning, Ph.D.
>> Fanning Software Consulting, Inc.
>> Coyote's Guide to IDL Programming: http://www.dfanning.com/
>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
>
> Thanks very much!-
```

Thanks David. That work well for screen (set_plot,'win'), but for ps
(set_plot,'ps'),
device,decomposed=1

dosnot work. There is a white line in the image and colorbar. I hope
pictures of ps form can be the same as on screen. How to do that?

Best
Xqinshan
