
Subject: Re: Colorbar

Posted by [David Fanning](#) on Thu, 13 Jan 2011 19:25:26 GMT

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kisCA writes:

- > I am a new user of IDL (IDL8.0) after spending 7years on matlab...
- > I am trying to make my own colorbar with 20 colors inside with R,G and
- > B vectors.
- > By now I don't know how to use it with the contour function... Could
- > you help me with that?

I'm not sure how you would do this with the Contour function.

With Coyote Graphics routines from the Coyote Library, you would do it like this:

```
data = Dist(41,41)
nlevels = 20
pos = [0.1, 0.1, 0.9, 0.75]
LoadCT, 33, NColors=nlevels, Bottom=1
FSC_Contour, data, NLevels=nlevels, /Fill, $
    C_Colors=Indgen(nlevels)+1, Position=pos
FSC_Contour, data, NLevels=nlevels, /Overplot, Label=2
FSC_Colorbar, RANGE=[Min(data), Max(data)], $
    NColors=nlevels, Bottom=1, Format='(F0.2)', $
    Divisions=nlevels/2, XMinor=0
```

You can learn more about Coyote Graphics routines here:

http://www.idlcoyote.com/graphics_tips/newoldcmds.html

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.")
