
Subject: Re: modify colors in contour plots

Posted by [David Fanning](#) on Mon, 02 Apr 2012 22:10:31 GMT

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anil writes:

> I have a contour plot of temperature. My temperature range is 4-26
> celsius. I want to have the colors in the contour plot, such that I
> can use lots of colors for the ranges [4-8] and [8-15] . What i want
> to do is to give many colors to the range i want (4-8 celsius for my
> case) , a few colors for the range [8-15] and just a single color to
> [15-26] . How can i do this color distribution?

You could do it like this:

```
data = cgdemodata(2)
data = scale_vector(data, 4.0, 26.0)
levels = scale_vector(findgen(14), 4, 8)
levels = [levels, scale_vector(findgen(8), 8, 15)]
levels = levels[Uniq(levels)]
cgLoadCT, 27, NCOLORS=22, /Brewer
cgContour, data, LEVELS=levels, /Fill, C_Colors=Indgen(22), $
    Position=[0.1, 0.1, 0.9, 0.8]
cgContour, data, LEVELS=levels, /Overplot
cgColorbar, XTickV=[4, 11, 18, 25, 26], XTicks=4, $
    NColors=22, RANGE=[4,26], $
    TickNames=['4', '6', '8', '18', '26'], XMinor=0
END
```

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.")
