
Subject: Re: Missing fill colours in contour plot

Posted by [Sir Loin Steak](#) on Thu, 17 Jan 2013 17:34:06 GMT

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On Wednesday, January 16, 2013 2:57:39 PM UTC, David Fanning wrote:

> ljs15@fsmail.net writes:

>

>

>

>> The reason for specifying the contours is that the data range from positive to negative values, and I'm using a blue-white-red colour scale to plot (+ve is red, -ve is blue).

>

>>

>

>> In order to make sure white represents 0, I need to set the contour levels to span the maximum range. So if the data had minv = -20 and maxv = +50, I want the contours to range from -50 to +50.

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>>

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>> There may be a better way of doing it than what I'm doing though!

>

>

>

> Well, I would do it like this:

>

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>

>

>

> maxval = Max(Abs(array))

>

> clevels = Scale_Vector(Findgen(ncont), Floor(-maxval), Ceil(maxval))

>

> cgLoadCT, 22, /Brewer, /Reverse, NCOLORS=ncont, BOTTOM=1

>

> ccols = Bindgen(ncont)+1B

>

>

>

> Cheers,

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>

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> David

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>

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> --
>
> 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.")

Much neater than my hackneyed version. I'll revert to this method - thanks David.

P.S. I never realised there were Brewer colour tables. Whenever I've wanted blue-white-red I've always created my own. This will make my life much easier!
