## Subject: Re: Continuous colorbar
Posted by David Fanning on Mon, 28 Jun 2010 15:42:55 GMT

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zhangyehui writes:

> I want to draw a contour map of correlation coefficients with
> continuous color. As R varies between [-1, 1], I'd like those are
> close to 0 shown in white color and those are close to 1(-1) with
> darker colors. I usually use loadct colorbars. There are 41 colorbars.
> But I can't find a colorbar with a white color in the middle. So I
> just wondered if there is anyway I can do that. Thanks in advance.

You can download a Brewer color table file here:

   http://www.dfanning.com/programs/fsc_brewer.tbl

Once the file is located somewhere on your IDL path,
you can use it with all of the color tools available
in the Coyote Library. And, in particular, with CTLOAD
or XCOLORS by setting the /BREWER keyword. There are
about 12 divergent color tables amoung the 28 offered.
I use them all the time for exactly this purpose.

   http://www.dfanning.com/color_tips/brewer.html

Cheers,

David


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