Subject: Re: combining color tables
Posted by russell.grew on Sun, 08 Jun 2008 22:36:42 GMT
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You might want to check out the 'Brewer' colour tables from David
Fanning's site.

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

Open it with xloadct, file = '...fsc_brewer.tbl'

There are some nice diverging ones in there.

Subject: Re: combining color tables
Posted by Jeremy Bailin on Mon, 09 Jun 2008 14:13:54 GMT
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On Jun 8, 9:02 am, "jochem.vere...@gmail.com"
<jochem.vere...@gmail.com> wrote:
> Hi IDL gurus,
>
> A color question. In an image I wish to show the values until a
> threshold (e.g. 1) in one color gradient (e.g. red) and the values
> from this threshold onwards into another color gradient (e.g. blue).
>
> In the newsgroup I found the following suggestion with code to combine
> 2 color tables. However, to me, only the color gradient of the last
> loaded color table is shown.
>
> ;Why not use two different colormaps altogether...
> im=randomu(sd,100,100)*10 ; some fake data
> ;; Load red into upper half of color map, and blue into the lower half
> loadct,3,BOTTOM=!D.N_COLORS/2; red
> loadct,1,NCOLORS=!D.N_COLORS/2;blue (only this color table is shown)
> ;; the upper half
> dpos=bytscl(im,MIN=1.,TOP=!D.N_COLORS/2-1)+!D.N_COLORS/2
> ;; the lower half, in reverse!
> dneg=!D.N_COLORS/2-1-bytscl(im,MAX=1.,TOP=!D.N_COLORS/2-1)
> ;; Put them together
> d=dpos*(im ge 1.)+dneg*(im lt 1.)
> tvimage, d
>
> Can someone help me out? I also wish to show a color bar.
> greetzz, Jochem

I think you want !D.TABLE_SIZE (the number of entries in the colour
table) instead of !D.N_COLORS (the number of different colours

possible in the display).

-Jeremy.

Subject: Re: combining color tables
Posted by jochem.verelst@gmail. on Tue, 10 Jun 2008 06:52:53 GMT
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On Jun 9, 4:13 pm, Jeremy Bailin <astroco...@gmail.com> wrote:
> On Jun 8, 9:02 am, "jochem.vere...@gmail.com"
>
>
>
>
>
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> possible in the display).
>
> -Jeremy.- Hide quoted text -

>
> - Show quoted text -

Rigth, now it works perfectly :) Thanks a lot. Also thanks for the suggestion of checking the Brewer color tables. They are very nice.

grtzz, Jochem
