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Subject: Re: color shift between 2 contour plots?

Posted by [David Fanning](#) on Tue, 22 Jan 2008 19:49:56 GMT

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WRC2008@gmail.com writes:

> In my previous posts, I have asked some questions on how to create  
> blue-white-red color table. This was answered by David, and now I use  
> the following description to create this table:

>

> CTLoad, 1, NCOLORS=3D128

> CTLoad, 3, /REVERSE, NCOLORS=3D128, BOTTOM=3D128

>

> Maybe smaller question here: Is the above possible to create the same  
> colors, but without the white in the middle?

```
ctload, 1, clip=[10,235], ncolors=128
```

```
ctload, 3, clip=[10, 235], /reverse, ncolors=128, bottom=128
```

> Now, the odd thing is, that the colors in the second plot are shifted  
> one value compared to the first contourplot, although I use the same  
> number of levels for both plots.

You don't want to use FILL, with map projections you HAVE to use CELL\_FILL, or you have these color problems:

[http://www.dfanning.com/color\\_tips/fill\\_colors.html](http://www.dfanning.com/color_tips/fill_colors.html)

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming ([www.dfanning.com](http://www.dfanning.com))

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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Subject: Re: color shift between 2 contour plots?

Posted by [WRC2008](#) on Wed, 23 Jan 2008 12:47:05 GMT

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YES!! This cell\_fill does the trick, my plots look great now!

And I introduced the blue-red colortable for the absolute values, and the blue-white-red for the difference values...

Just one more fact (again, as also posted in another topic....). My background color changed again.

Although I define the blue-white-red color table just before putting !  
P.BACKGROUND = 128, checking the 128 color with the cindex tool (being  
white!!), I get a salmon color background, and by no means I can  
change it to white. I can change it to all other colors I want (black,  
blue, red,...) but no white....I am getting a bit desperate with the  
colors here, so I hope someone can help me out!!!

The 2 defined color schemes, as suggested by David:

```
; blue - red  
ctload, 1, clip=[10,235], ncolors=128  
ctload, 3, clip=[10,235], /reverse, ncolors=128, bottom=128
```

```
;blue - white - red  
CTLoad, 1, NCOLORS=128  
CTLoad, 3, /REVERSE, NCOLORS=128, BOTTOM=128
```

THANKS!

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