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Subject: Re: White and black colours appearing when selecting colour table

Posted by [liam.steele](#) on Thu, 24 Sep 2015 12:41:55 GMT

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On Thursday, 24 September 2015 13:12:58 UTC+1, David Fanning wrote:

> Liam writes:

>

>> I have always plotted this way though, and have never noticed a problem before.

>>

>> In the example I provided, ccol[60] shows as white, and ccol[82] shows as black. So if I choose to use only 59 colours there is no problem, but any more and the white and then black lines show up.

>>

>> I'm just stumped as to why it won't work. It has device,decomposed=0, has loaded a set number of colours, and has given them an index. Maybe I should just ignore it and do something else, but it's bugging me!

>

> Those colors are loaded in the color table at the time you call  
> cgColorbar. Simply load your color table before you make that call. When  
> you use indexed colors, you can't guarantee your colors are correct,  
> that the color table hasn't been corrupted, unless you load the colors  
> immediately before you use them.

>

> Here is an article that might be related:

>

> [http://idlcoyote.com/color\\_tips/lineinct.html](http://idlcoyote.com/color_tips/lineinct.html)

>

> Cheers,

>

> David

> --

> 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.")

Aha! Yes, it must have been setting background=cgcolor('white') and color=cgcolor('black') that corrupted the colour table. Putting cgloadct after the call to cgplot has fixed it. Doh!

Thanks for the help. :)

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