
Subject: Re: reverse color table

Posted by [teigus](#) on Sat, 11 Sep 2010 12:39:27 GMT

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On Sep 10, 4:43 am, bing999 <thibaultga...@gmail.com> wrote:

> Hello,
>
> i want to make a plot which is a D histogram in which the color table
> is black and white (loadct,0).
>
> I need to reverse the color table (reverse_ct.pro) for my plot. But
> when I do that the axis, ticks, labels... disappear because in the new
> reversed color table they are in white.
> Is it possible to force the axis, labels... to be in black and use the
> reversed color table for the histogram only?
>
> thank you in advance!

Hi!

I think this will accomplish the same thing without reversing the
color table -- just use some of the PLOT keywords instead:

```
LoadCT, 0  
Plot, Y, BACKGROUND=255, COL=0
```

You can also use other color tables if you want to use colors other
than black and white.

Bill

Subject: Re: reverse color table

Posted by [David Fanning](#) on Sat, 11 Sep 2010 14:21:40 GMT

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teigus writes:

> I think this will accomplish the same thing without reversing the
> color table -- just use some of the PLOT keywords instead:
>
> LoadCT, 0
> Plot, Y, BACKGROUND=255, COL=0
>
> You can also use other color tables if you want to use colors other
> than black and white.

The suggestion to use keywords is correct. But the

suggestion to use these particular indices will prove disastrous if you want to create a PostScript file with this command. Instead, you should load drawing colors anywhere *except* indices 0 and 255.

A program like FSC_COLOR will take care of this detail (and many others) for you:

```
Plot, data, BACKGROUND=FSC_Color('white'), $  
  COLOR=FSC_Color('black')
```

FSC_COLOR is a Coyote Library routine.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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

Subject: Re: reverse color table

Posted by [teigus](#) on Sun, 12 Sep 2010 11:12:17 GMT

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On Sep 11, 10:21 am, David Fanning <n...@dfanning.com> wrote:

> tegus writes:

>> I think this will accomplish the same thing without reversing the

>> color table -- just use some of the PLOT keywords instead:

>

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>> Plot, Y, BACKGROUND=255, COL=0

>

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> suggestion to use these particular indices will

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> COLOR=FSC_Color('black')
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> FSC_COLOR is a Coyote Library routine.
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

David,

Thanks for the tip regarding PostScript!!

Bill
