
Subject: Re: How to create a colour table in IDL?

Posted by [Helder Marchetto](#) on Tue, 13 Jan 2015 12:28:36 GMT

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On Tuesday, January 13, 2015 at 12:46:10 PM UTC+1, Madhavan Bomidi wrote:

> Hello Helder,

>

> Thanks for your response but it doesn't work.

>

> I use the following lines in the code:

> -----

> device, decomposed=1

> LoadCT, 70

>

> mg_horizon,indgen(4600),randomn(seed,12,4600),nbands=6, xstyle=1, ystyle=1

> -----

>

> I get the following error:

> % LOADCT: Table number must be from 0 to 40

>

> Note: You can download mg_horizon.pro from

<https://github.com/mgalloy/mglib/tree/master/src/vis/lineplots>

>

> Can anyone help me how I can use the colour table XLOADCT: 70 - CB-RdBu - (shown in <http://www.exelisvis.de/docs/loadingdefaultcolortables.html>)?

>

> Thanking you once again,

> With regards,

> Madhavan

>

> On Tuesday, January 13, 2015 at 11:54:12 AM UTC+1, Helder wrote:

>> Just in case you don't want to use David's library, then you have to make sure that decomposed is off:

>>

>> device, decomposed=0

>> window, xsize=300, ysize=300

>> tv, dist(300)

>>

>> To check for your current decomposition state, use:

>> If "decomposed" stuff is not your thing, I would recommend to do the following:

>> device, get_decomposed=current_decomp_Value

>> print, 'my current decomposed value is ', current_decomp_Value

>>

>> device, decomposed=0

>> ;do you calculations/imaging here

>>

>> ;restore the previous decomposition state:

>> device, decomposed=current_decomp_Value

>>
>> If you're not sure what decomposed means and does, used David's library or read his books
(the second option gives you more than the first).
>>
>> Regards,
>> Helder

Maybe you have an older version of IDL? I could not find if the tables have been updated
somewhen along the history of IDL.

If you use
loadct, GET_NAMES=names
print, names

you get a list of available paletts.

good luck.
h
