Subject: Re: How to load a customized color table? Posted by David Fanning on Sat, 10 Jan 2009 17:57:48 GMT

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## ICBM0926 writes:

- > I've tried to load a customized color table with "TVLCT" in a
- > procedure. I called this procedure from another one, but the plot
- > generated uses B-W color table instead of a red-blue one.
- > I can't get this thing work. Can anyone tell me where go wrong?

>

- > The code is attached below.
- > pro ctloader
- > :loadct.25
- > ;COMMON COLORS, R\_Orig, G\_Orig, B\_Orig, R\_curr, G\_curr, B\_curr
- > COMMON COLORS, r, g, b, R\_curr, G\_curr, B\_curr
- > print,"This is ctloader."
- > r=dblarr(256)
- > r[0:127]=reverse(2.0\*findgen(128))
- > r[128:255]=0.0
- > R curr=r
- > b=dblarr(256)
- > b[0:127]=0.0
- > b[128:255]=2.0\*findgen(128)
- > B\_curr=b
- > g=dblarr(256)
- > g=0.0
- > G\_curr=g
- > tvlct,r,q,b
- > end

When you set g=0, you are effectively loading only a single color. The only color your load is at index 0.

You can see this if you look at your color table with CINDEX:

http://www.dfanning.com/programs/cindex.pro

If you take that line out, you get a red-blue color table. Is that what you were going for?

Cheers,

David

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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.")