
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,g,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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