
Subject: Re: Questions about IDL 8.0

Posted by [David Fanning](#) on Tue, 23 Nov 2010 23:45:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

Paulo Penteado writes:

```
> This works for me
>
> IDL> rt0=rebin(reform(bindgen(256),1,256),3,256) ;make up a table
> IDL> rt1=rebin(reform(reverse(bindgen(256)),1,256),3,256) ;make up
> another table
> IDL> im=image(dist(100),rgb_table=rt0) ;make an image with table rt0
> IDL> im.rgb_table=rt1 ;switch the table to rt1
```

Can someone explain this example for me:

```
,*****
file = Filepath('worldelv.dat', SUBDIRECTORY = ['examples', 'data'])
world = Read_Binary(file, DATA_DIMS = [360,360])
CTLoad, 4, /BREWER, RGB_TABLE=ct
img = Image(world, RGB_TABLE=ct)
```

```
CTLoad, 18, /BREWER RGB_TABLE=nct
img.rgb_table=nct ; to new color table
```

Help, ct, nct
END

```
,*****
```

```
IDL> .go
% IDLITDATAIDLPALETTE::SETDATA: Data must be a 3xN or 4xN array.
CT      BYTE    = Array[256, 3]
NCT     BYTE    = Array[256, 3]
```

I can load the first color table fine, but not the second,
even though they are formatted in EXACTLY the same way. :-(

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.")
