
Subject: Re: problem with color table, everything is red
Posted by [Jeremy Bailin](#) on Mon, 19 Nov 2012 16:46:42 GMT
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On 11/19/12 5:24 AM, Helder wrote:

> On Monday, November 19, 2012 11:13:37 AM UTC+1, simona bellavista wrote:

>> I am having a hard time understanding colors in IDL. I am working on

>>

>> x11 (linux).

>>

>> I would be glad if someone can give me some tips about colors and

>>

>> color tables.

>>

>>

>>

>> when I try to load rainbow color table and display it with

>>

>>

>>

>>

>> loadct, 13

>>

>> tv, dist(300)

>>

>>

>>

>> I always get a color panel that is in grey scale, I have tried to load

>>

>> several color tables, but the resulting color panel I get is always in

>>

>> shade of greys.

>>

>>

>>

>> Moreover, if I try to plot different part of my graphics with

>>

>> different colors, using something like this:

>>

>>

>>

>> for i=0,n-1 do begin

>>

>> indx = start[i] + indgen(start[i+1]-start[i])

>>

>> color = floor(i *255 / float(nlines))

>>

>> oplot,x[indx],y[indx],color=color

>>

```
>> endfor
>>
>>
>>
>> I get my plot in shades of reds. I tried cgplot and it is the same.
>>
>>
>>
>> then in a subsequent plot I try to revert to black and white, and I
>>
>> use
>>
>>
>> plot, xx, yy,color=255, psym=2, symsize=2,
>>
>>
>>
>> but everything turn red.
>>
>>
>> where shall I start?
>
> Hi,
> this is generally a good place to start from: http://www.idlcoyote.com
> But specifically you are looking for this:
> http://www.idlcoyote.com/misc/tg\_working\_with\_color.pdf
>
> On page 34 there are some extra Linux tips.
>
> Then you should learn about the
> Device, Decompose=1
> command.
>
> You will soon enough find out that not everything in IDL is grayscale and red :-)
```

```
> Cheers,
> Helder
>

I would also highly recommend David's graphics book:
http://www.amazon.com/Coyotes-Guide-Traditional-IDL-Graphics
/dp/0966238354/ref=sr_1_1?ie=UTF8&qid=1353343563&sr=8-1&keywords=david+fanning
```

-Jeremy.
