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Subject: Re: Color changing dialog  
Posted by [davidf](#) on Fri, 28 May 1999 07:00:00 GMT  
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Tri VU KHAC (tvk@info.fundp.ac.be) writes:

> I write a little application which needs a color table in which two (or  
> more) IDL's color tables are as the following description:  
>  
> Saying my color table has 256 color  
> myCT[0 : n-1] = CompressCT(IDLCT1, n) ; linear  
> compression of IDL's N-element color table into n-element color table (n  
> <= 255)  
> myCT[n : 255] = CompressCT(IDLCT2, 256-n) ; linear compression of  
> IDL's N-element color table into (256-n)-element color table  
>  
> Does anyone implement this procedure or know where I can get it. If you  
> have sth like XLoadCT of IDL, this' excellent !

You can download my XCOLORS program, an XLOADCT knock-off:

<http://www.dfanning.com/programs/xcolors.pro>

This program has several advantages that XLOADCT lacks.

One of the most important to me is that you can have multiple programs on the display at the same time. (No COMMON blocks. :-) This makes it possible for me to have a color changing tool associated with individual windows:

```
Window, Title='Image One Window'  
LoadCT, 1, NColors=100, Bottom=100  
TVScale, image1, Top=199, Bottom=100  
XColors, Title='Image One Colors', NColors=100, Bottom=100
```

```
Window, Title='Image Two Window'  
LoadCT, 3, NColors=100  
TVScale, image2, Top=99  
XColors, Title='Image Two Colors', NColors=100
```

The most important XCOLORS advantage is that it can notify a widget program (via a widget event) when the color tables change. This makes it possible to write programs that update their colors automatically on 24-bit displays.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Toll-Free IDL Book Orders: 1-888-461-0155

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