Subject: Re: Color changing dialog
Posted by David Foster on Fri, 28 May 1999 07:00:00 GMT
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Tri VU KHAC wrote:
>
> Hi all,
>
> 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 !
> Thanks for help.
> Tri.

Tri -

Are you asking for something like the CompressCT() routine? You could
just use the INTERPOLATE() function to do this.

It looks like you are creating a split color-table, so you might want
to check out my GRAYSCALE.PRO routine that can do this. At present
it will make half the scale a linear gray-scale, like you are using,
and the other half will be a single-color scale (eg. gradations of
yellow or some other color). You could easily modify this to make both
halves gray-scales. This routine can also split the color table
into thirds. It is a modal widget, and allows you to adjust both
halves interactively (and simultaneously, this could be expanded
to allow independent adjustments) using sliders.

You can get this from:

ftp://bial8.ucsd.edu/pub/software/idl/share

Dave Foster

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