
Subject: Re: color mapping question

Posted by [Christian Soeller](#) on Thu, 29 Aug 1996 07:00:00 GMT

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gennari@universe.Hawaii.edu (Scott Gennari) writes:

- > I have a 256 color grayscale image and i'd like to overlay a
- > coastline with some color (red). How would I stretch the grayscale
- > data values to fit 0-254 and reserve value 255 for a certain rgb
- > color? I'm Not having much luck with STRETCH,0,254 and then assigning
- > a rgb color to 255.

Even on a 256 color display IDL will in general only have a subset of all those colors as a few are normally already allocated by other applications.

The actual number of colors available to IDL can be found in the sys var !D.TABLE_SIZE. So you might try to scale your data to 0...!D.TABLE_SIZE-2 and assign the color number !D.TABLE_SIZE-1 to red (colors 0...!D.TABLE_SIZE-2 set to shades of grey from 0 to 255). You get the idea. See also documentation for the TVSCL procedure.

Hope this helps,

Christian

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