
Subject: Re: color mapping question

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

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Scott Gennari wrote:

> 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.

Try something this:

; - load grey scale color table

loadct,0

; - display image scaled to full color range, leaving one color

; - free at top of lookup table

tv,bytscl(dist(256),top=!d.n_colors-2)

; - make top color in lookup table red

tvlct,r,g,b,/get
g(!d.n_colors-1)=0
b(!d.n_colors-1)=0
tvlct,r,g,b

; - overplot a line in red

plots,[0,0],[200,200],color=!d.n_colors,/device

Cheers,
Liam.
