
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,bytsc1(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.
