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Subject: Re: specialized color tables

Posted by [pgrigis](#) on Tue, 04 Nov 2008 19:47:51 GMT

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You should be aware that if you do this, colorblind people will probably not be able to read your plot. Therefore, you may want to think about alternative way to represent the data instead...

Ciao,  
Paolo

Mark wrote:

> Hello.  
>  
> I have a data set that I want to display according to a color scheme  
> like this one. The data can be group into 6-8 sets (eg, A,B,C....),  
> with each set divided into 6-8 subsets (eg, A1,A2,A3...  
> B1,B2,B3...C1,C2,C3... ).  
>  
> I'd like to color each group with a basic color, with the subsets  
> having different shades of the same color, something along the lines  
> of  
>  
> A1: firetruck red  
> A2: red  
> A3: rust  
>  
> B1: orange  
> B2: darker orange  
> B3: dingy orange  
>  
> etc.  
>  
> I've worked on this a bit and I've found that its hard to come up with  
> 6-8 distinct colors which have 6-8 distinct shades. I was wondering  
> if anyone knew of such a color set that accomplishes this. The Brewer  
> color tables do this pretty well for 3-4 colors, but I'm going to  
> require more base colors than that.....  
>  
>  
> Thanks,  
>  
> Mark

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