
Subject: Re: Adding extra white in middle of colour bar
Posted by [David Fanning](#) on Wed, 21 Aug 2013 13:03:57 GMT
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ljs15@fsmail.net writes:

> I am plotting data that range from negative to positive, so am using a blue-white-red colour bar. However, I would like there to be more white in the middle of the bar.

>

> At the moment I'm using the following clumsy commands to achieve this:

>

> maxv = 10

> cgloadct, 13, /brewer, /reverse, ncolors=9, bottom=0, /silent, clip=[0,225]

> cgloadct, 16, /brewer, ncolors=9, bottom=12, /silent, clip=[0,225]

> clev = scale_vector(findgen(21), -maxv, maxv)

> ccol = bindgen(21)

> ;Make middle levels white

> ccol[9:11] = cgcolor('white')

>

> and then:

>

> cgColorbar, ncolors=20, range=[-maxv, maxv]

>

> While this gives me the plot shading I want, the colour bar is incorrect. As I have manually altered the middle values to white, they don't show in the colour bar, which only uses the 18 colours defined by cgloadct.

>

> Is there a simple way around this?

I think the simplest way around it is this:

```
cgLoadCT, 22, /Brewer, /Reverse, NColors=20
cgColorBar, NColors=20, range=[-10,10]
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
