

---

Subject: Adding extra white in middle of colour bar

Posted by [Sir Loin Steak](#) on Wed, 21 Aug 2013 10:20:15 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi all,

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?

Thanks.

---