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Subject: Re: COLORBAR label too long

Posted by [David Fanning](#) on Fri, 17 Aug 2007 18:10:24 GMT

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Ryan. writes:

```
> I have created a nice-looking plot with a color bar on the top but the
> labels extend too far past the end of the bar. My plot is positioned
> in the bottom 80% of the window and the color bar is in the top 20%
> (using the POSITION keywords). The array of values I give to the
> COLORBAR procedure extends beyond the end of the bar.
>
> Here is my code:
> PLOT, FINDGEN(10), POSITION=[0.05, 0.05, 0.95, 0.82]
>
> ticks = (SINDGEN((clrTableLength/5)+1)*5)-(clrTableLength/2)
>
> COLORBAR, BOTTOM=0, NCOLORS=clrTableLength, /TOP, $
> TICKNAMES=ticks, COLOR=black, DIVISIONS=(clrTableLength/5), $
> POSITION=[0.07, 0.87, 0.93, 0.95]
>
> 'clrTableLength' is the length of a color table I created. Currently
> I am using a table of length 100 (i.e. clrTableLength=100)
```

Your strings are longer than you think they are. :-)

Try this command instead:

```
ticks = StrTrim((SINDGEN((clrTableLength/5)+1)*5)-(clrTableLength/2) ,2)
```

Cheers,

David

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

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