
Subject: Re: COLORBAR label too long

Posted by [Paul Van Delst\[1\]](#) on Fri, 17 Aug 2007 17:54:54 GMT

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Ryan. wrote:

> Dear All,

>

> 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 a diagram of what happens:

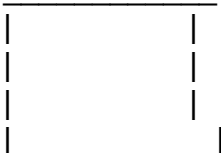
>

> 1 2 3 4 5 6 7 8 9 0 <-labels

> -----

> ----- <-colorbar

>

>  <-plot

>

> 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)

Shouldn't "divisions" = (clrTableLength/5)+1 ?

cheers,

paulv
