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Subject: Re: IDL 8 image function  
Posted by [sh](#) on Thu, 03 Feb 2011 08:28:38 GMT  
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On Feb 2, 8:20 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:  
> On Feb 2, 3:35 pm, sh <sebastian.h...@gmail.com> wrote:  
>  
>> Ok this error message comes if RGB\_TABLE is not specified within the  
>> image()  
>  
>> Now the only problem left is to rescale the colorbar from 0 to 255 to  
>> the dataspace  
>  
> I had a feeling I had done this before. As it turns out, I did:  
>  
> [http://www.ppenteado.net/idl/pp\\_lib/doc/pp\\_colorbar\\_range.html](http://www.ppenteado.net/idl/pp_lib/doc/pp_colorbar_range.html)  
>  
> It was written back in the days of the iTools, but it seems to work  
> the same with Graphics.

Thanks!! I have already a workaround for this ;)

I create a hidden image with the MY max and min values, and then use the colorbar function on this hidden image "overlay".

```
ov_im=image([[minv,minv],[maxv,maxv]],/HIDE,/OVERPLOT)  
c = COLORBAR(TARGET=ov_im)
```

It works fine with an RGBA image in the beginning, which I have scaled myself with BYTSCL.

Unfortunately the colorbar uses always 256 colors/values, so when I want to use only index from 0 to 100, the rest is black.

I'm playing around now with the 'IDLgrPalette', maybe I can convince IDL to use only the number of colors specified there.

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