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Subject: Re: Image function: define new color table  
Posted by [David Fanning](#) on Thu, 06 Jun 2013 15:12:37 GMT  
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Corinne writes:

```
> I am displaying an image:
>
> im = IMAGE(data, RGB_TABLE = 70, MAX_VALUE = 20, MIN_VALUE = -20)
>
> Now, I want to change the index 127 in RGB_TABLE 70 to white and do this in XPalette. I
press the done button.
>
> Then I use
>
> TVLCT, red, green, blue, /GET
>
> and
>
> modifyct, 70, 'Blue and red', red, green, blue, FILE = 'd:\CMF\IDL\colors\colors1.tbl'
>
> to save the modified color table to a file on a different location (I don't have permission to write
to the original location).
>
> When I now again display my image, it is not using the modified color table. What can I do, so
that image() understands, that I want to use the new color table?
```

After you load your color table with the modified colors, I would use it like this.

```
TVLCT, palette, /Get
im = Image(data, RGB_Table=palette, MAX_VALUE = 20, MIN_VALUE = -20)
```

Cheers,

David

--

David Fanning, Ph.D.  
Fanning Software Consulting, Inc.  
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

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Subject: Re: Image function: define new color table  
Posted by [corinnefrey](#) on Thu, 06 Jun 2013 15:25:08 GMT

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Hi David,

Great, this works. Any tips how I can assign the index color programmatically?

Cheers,  
Corinne

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Subject: Re: Image function: define new color table  
Posted by [David Fanning](#) on Thu, 06 Jun 2013 15:29:57 GMT  
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Corinne writes:

> Great, this works. Any tips how I can assign the index color programmatically?

LoadCT, 70  
TVLCT, 255, 255, 255, 127  
TVLCT, palette, /Get

Cheers,

David

--

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

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Subject: Re: Image function: define new color table  
Posted by [corinnefrey](#) on Thu, 06 Jun 2013 15:34:25 GMT  
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many thanks :)

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