
Subject: Re: How to add modified color tables to IDL 7.1
Posted by [Andrew Cool](#) on Fri, 16 Mar 2012 01:41:34 GMT
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On Mar 16, 11:09 am, David López <david.lo...@ceaza.cl> wrote:
> On Mar 15, 6:18 pm, Michael Galloy <mgal...@gmail.com> wrote:
>
>
>
>
>
>
>
>
>
>
>> On 3/15/12 3:52 PM, David López wrote:
>
>>> On Mar 15, 5:15 pm, nata<bernat.puigdomen...@gmail.com> wrote:
>>>> Modify your palette using XPALETTE. Then, you can retrieve the RGB values with TVLCT,
r, g, b, /GET and create a SAV file with these values SAVE, FILENAME='myrainbowpalette.sav', r,
g, b
>
>>>> After that, if you want to use these same colors again, you can restore the palette
RESTORE, 'myrainbowpalette.sav' and set the colors using TVLCT, r, g, b
>
>>>> Another option is to modify the palette using MODIFYCT. You can create your own
color-palette-table or overwrite the existing one (even if this is not a good idea). If you create your
table, you will have to specify the file LOADCT, FILE=file, or MODIFYCT, FILE=file
>
>>>> Dale !
>>>> nata
>
>>> Thanks a Lot Nata...
>>> but now I have this problem
>
>>> % Compiled module: MODIFYCT.
>>> % Variable is undefined: ITAB.
>>> % Error occurred at: MODIFYCT 83 /usr/local/itt/idl71/lib/
>>> modifyct.pro
>>> % \$MAIN\$
>>> % Execution halted at: \$MAIN\$
>
>>> Thanks a lot
>
>> Could you show the command that caused this error?
>
>> I have several other color tables files that I access with the FILE
>> keyword of [X]LOADCT and find this a quite nice way to store color tables.

```

>
>> Mike
>> --
>> Michael Galloywww.michaelgalloy.com
>> Modern IDL, A Guide to Learning IDL:http://modernidl.idldev.com
>> Research Mathematician
>> Tech-X Corporation
>
> Thanks a Mister Galloy...
> but do not understand why not work
> my steps are:
> open idl like superuser
> sudo idlde
> in console IDLDE
> loadct for select color number 13 Rainbow
> xpalette for change color..
> modifyct...
>
> IDL> loadct
> % Compiled module: LOADCT.
> % Compiled module: FILEPATH.
> 0-    B-W LINEAR  14-    STEPS  28-    Hardcandy
> 1-    BLUE/WHITE 15-    STERN SPECIAL 29-    Nature
> 2-    GRN-RED-BLU-WHT 16-    Haze 30-    Ocean
> 3-    RED TEMPERATURE 17- Blue - Pastel - R 31-    Peppermint
> 4-    BLUE/GREEN/RED/YE 18-    Pastels 32-    Plasma
> 5-    STD GAMMA-II 19- Hue Sat Lightness 33-    Blue-Red
> 6-    PRISM 20- Hue Sat Lightness 34-    Rainbow
> 7-    RED-PURPLE 21- Hue Sat Value 1 35-    Blue Waves
> 8-    GREEN/WHITE LINEA 22- Hue Sat Value 2 36-    Volcano
> 9-    GRN/WHT EXPONENTI 23- Purple-Red + Stri 37-    Waves
> 10-    GREEN-PINK 24-    Beach 38-    Rainbow18
> 11-    BLUE-RED 25-    Mac Style 39-    Rainbow + white
> 12-    16 LEVEL 26-    Eos A 40-    Rainbow + black
> 13-    RAINBOW 27-    Eos B
> Enter table number: 13
> % LOADCT: Loading table RAINBOW
> IDL> xpalette
> % Compiled module: XPALETTE.
> % Compiled module: XREGISTERED.
> % Compiled module: CW_FIELD.
> % Compiled module: CW_BGROUPE.
> % Compiled module: CW_RGBSLIDER.
> % Compiled module: CW_FSLIDER.
> % Compiled module: CW_COLORSEL.
> % Compiled module: CT_LUMINANCE.
> % Compiled module: COLORMAP_APPLICABLE.
> % Compiled module: XMANAGER.

```

```
> % Compiled module: XLOADCT.  
> IDL> modifyct  
> % Compiled module: MODIFYCT.  
> % Variable is undefined: ITAB.  
> % Error occurred at: MODIFYCT      83 /usr/local/itt/idl71/lib/  
> modifyct.pro  
> %      $MAIN$  
> % Execution halted at: $MAIN$  
>  
> any idea...  
> Regards
```

Yes, You have not supplied the table index parameter!
You must tell ModifyCT which table you want to modify...

Try using Help, modifyct at the command line

Andrew
