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Subject: Re: custom color table

Posted by [R.Bauer](#) on Sat, 21 Sep 2002 14:35:51 GMT

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Miklos Z. Kiss wrote:

> Many thanks. On these types of monochrome scales, color #0 is black (0, 0,  
> 0), and color #255 is cyan (0, 255, 255) or orange (255, 165, 0). Is there  
> a simple, or at least, a systematic, way to make a color table in which  
> color #0 is black, color #255 is white, and everything in between is the  
> shade of some the color in question? I am thinking of the way IDL's  
> predefined color tables are, such as color tables, 0, 1, 3, and 8. I guess  
> technically speaking this would be more of a quasi-monochrome color table.  
> Thanks again.

>

> -Mik

>

Dear Miklos

I have a widget to write colortable routines

[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl\\_html/dbase/download/x\\_def\\_colortable.tar.gz](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/x_def_colortable.tar.gz)

or as idl5.5 binary

[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl\\_html/dbase/download/x\\_def\\_colortable.sav](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/x_def_colortable.sav)

The output of the widget is a routine with header and an example image like:

```
pro ct_miklos,start_color=start_color,max_colors=max_colors,colors=colors
```

```
colors=[[7,255,128,128,250],$  
        [0,50,128,255,255],$  
        [0,50,255,128,255]]
```

```
def_colorsystem,colors=colors,start_color=start_color,max_colors=max_colors  
end
```

For further routines and licensing please have a look at

[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)

best regards

Reimar

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a IDL library at ForschungsZentrum Juelich

[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)