
Subject: Re: custom color table

Posted by [David Fanning](#) on Fri, 20 Sep 2002 18:33:18 GMT

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Miklos Z. Kiss (mzkiss@unity.ncsu.edu) writes:

> I am trying to create a custom monochrome color table in IDL. IDL has four
> (maybe five) predefined monochrome color tables (gray scale, red
> temperature, blue-white, and green-white). XPALETTE will allow me to create
> a custom color table, and I can load it using TVLCT, but how do I relate the
> red, green, and blue channels mathematically to create a, say, orange, or
> cyan monochrome color table?

The color cyan is (0, 255, 255), so a monochrome cyan color table is this:

```
TVLCT, bytarr(256), bindgen(256), bindgen(256)
```

The color orange is (255, 165, 0), so a monochrome orange color table is this:

```
TVLCT, bindgen(256), BytScl(bindgen(256), top=165), bytarr(256)
```

Cheers,

David

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