
Subject: Re: New color palette

Posted by [David Fanning](#) on Tue, 20 Mar 2012 20:33:53 GMT

[View Forum Message](#) <> [Reply to Message](#)

KH writes:

- > I am looking for a cyan to blue to white to red to yellow color
- > palette similar to the one here:
- > http://www-meom.hmg.inpg.fr/Web/pages-perso/brankart/Ferret_scripts/white_centered.gif.
- >
- > Specifically I am looking for a 256 version of the white_centered.spk
- > palette from Ferret. It is my understanding that Ferret interpolates
- > the colors from the following:
- > 0 0 100 100
- > 20 20 20 100
- > 35 100 100 100
- > 65 100 100 100
- > 80 100 20 20
- > 100 100 100 0
- > I believe the first column is the percentage value, but I am just not
- > sure how to use on 6 RGB values to get a full color palette I can use
- > in IDL.
- >
- > Any assistance would be greatly appreciated.

You would do it like this:

http://www.idlcoyote.com/color_tips/create_colortable.html

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

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

Subject: Re: New color palette

Posted by [natha](#) on Wed, 21 Mar 2012 01:12:54 GMT

[View Forum Message](#) <> [Reply to Message](#)

If you want you can visit <http://soliton.vm.bytemark.co.uk/pub/cpt-city/index.html>

There are tones of palettes and we have a routine to read them in IDL

If you want the code let me know
nata

Subject: Re: New color palette
Posted by [KH](#) on Wed, 21 Mar 2012 18:02:50 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Mar 20, 9:12 pm, nata <bernat.puigdomen...@gmail.com> wrote:
> If you want you can visit <http://soliton.vm.bytemark.co.uk/pub/cpt-city/index.htm> I
> There are tones of palettes and we have a routine to read them in IDL
>
> If you want the code let me know
> nata

Thank you nata for the link. I couldn't find the exact palette that I want, but there are several others that I would like to consider using. If you would be willing to share your code to read the palettes I would really appreciate it.
Thanks,
Kim

Subject: Re: New color palette
Posted by [KH](#) on Wed, 21 Mar 2012 18:03:19 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Mar 20, 4:33 pm, David Fanning <n...@idlcoyote.com> wrote:
> KH writes:
>> I am looking for a cyan to blue to white to red to yellow color
>> palette similar to the one here:
>> http://www-meom.hmg.inpg.fr/Web/pages-perso/brankart/Ferret_scripts/w....
>
>> Specifically I am looking for a 256 version of the white_centered.spk
>> palette from Ferret. It is my understanding that Ferret interpolates
>> the colors from the following:
>> 0 0 100 100
>> 20 20 20 100
>> 35 100 100 100
>> 65 100 100 100
>> 80 100 20 20
>> 100 100 100 0
>> I believe the first column is the percentage value, but I am just not
>> sure how to use on 6 RGB values to get a full color palette I can use
>> in IDL.
>

>> Any assistance would be greatly appreciated.
>
> You would do it like this:
>
> http://www.idlcoyote.com/color_tips/create_colortable.html
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")- Hide quoted text -
>
> - Show quoted text -

Thank you David, this is very useful.
Kim

Subject: Re: New color palette
Posted by [Michael Galloy](#) on Thu, 22 Mar 2012 17:13:05 GMT
[View Forum Message](#) <> [Reply to Message](#)

On 3/21/12 12:02 PM, KH wrote:

> On Mar 20, 9:12 pm, nata<bernat.puigdomen...@gmail.com> wrote:
>> If you want you can visit<http://soliton.vm.bytemark.co.uk/pub/cpt-city/index.htm> I
>> There are tones of palettes and we have a routine to read them in IDL
>>
>> If you want the code let me know
>> nata
>
> Thank you nata for the link. I couldn't find the exact palette that I
> want, but there are several others that I would like to consider
> using. If you would be willing to share your code to read the
> palettes I would really appreciate it.
> Thanks,
> Kim

Here is a list of the color tables in the cpt-city download that might make finding your table easier (though it's still quite a pain to search through the many, many tables available):

http://docs.idldev.com/vis/color/cptcity_catalog.html

Mike

--

Michael Galloy

www.michaelgalloy.com

Modern IDL, A Guide to Learning IDL: <http://modernidl.idldev.com>

Research Mathematician

Tech-X Corporation
