
Subject: Re: Reading Images and re-plotting them in different color tables

Posted by [Michael Galloy](#) on Fri, 14 Oct 2011 23:13:54 GMT

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On 10/14/11 2:51 PM, Steve Daal wrote:

> Hi,
>
> what I have seems simple but I am not getting to the bottom of it.
> I have a map image (Earth.png) that is plotted via colortable 39. I
> want to read it in and replot it with another color table, # 7. The
> problem is, read_png gives me an array of [3,600,600] while the
> original image is [600,600] (I know this part), so the color table
> index is embedded in the array.
> read_query confirms this as well, using color_quan doesn't seem to
> help. Any thoughts on this? Thanks in Advance.

Why doesn't COLOR_QUAN help? That's the normal way to convert a TrueColor image into an indexed color image. Remember that it might not be exact since your input image might have more colors than a color table can hold.

Mike

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Michael Galloy

www.michaelgalloy.com

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

Research Mathematician

Tech-X Corporation
