
Subject: Re: grey scale

Posted by [Martin Schultz](#) on Thu, 13 Aug 1998 07:00:00 GMT

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

Harry Reisig wrote:

>
> We tried loadct, 0 - but it is not publishing quality. Is there another
> grey scale that give sharper images? We are trying to print color images,
> which gives a lot of information that is lost in ct 0.
> Thanks
> Harry
[...]

Maybe you don't want a greyscale colortable after all !! If you want to print color images in black and white, you may get a more "natural" image using the colortable that comes with the image (assuming you read the image with `read_tiff`, `read_gif` or the likes). Then you simply have to produce a *color* postscript file and send it to a b/w printer ;-)

Other than that, you can follow the approach I outlined in my earlier message and define the colortable yourself. You can create virtually anything, then convert it to a 0..255 byte array with `bytsc1` and load it into the color table with `tvlct`. If you don't like linear grey scale you can use logarithmic, or you can play around with some arctan function, etc...

Martin.

Dr. Martin Schultz

Department for Earth&Planetary Sciences, Harvard University
109 Pierce Hall, 29 Oxford St., Cambridge, MA-02138, USA

phone: (617)-496-8318

fax : (617)-495-4551

e-mail: mgs@io.harvard.edu

Internet-homepage: <http://www-as.harvard.edu/people/staff/mgs/>
