
Subject: Re: Fanning's LogScl routine + Colorbar??
Posted by [David Fanning](#) on Sat, 24 Jul 2010 15:40:53 GMT
[View Forum Message](#) <> [Reply to Message](#)

Joe Daal writes:

> I am using the logscl to enhance the contrast of an image, something
> like:
>
> loadct,39
> image = alog10(lin_image)
> imdisp, logscl(image, min=min(image), max=max(image), Exponent=8,
> Mean=0.65)
>
> where image values vary from -1.34 to +2.05, with zeroes included.
> The image looks nice for what I want, but how do I reflect a correct
> colorbar, either for real values or the scaled ones? What is
> logarithmic, the ticks or the colors?

After thinking about this some more this morning, I decided I would write an article about it. Normally, when I write an article I am about 90% sure I know what I'm talking about. (My wife says I have been overly optimistic my whole life!)

In this case, it's more like 50%. But I figure the worst thing that could happen to me would be that I might learn something. ;-)

You can find the article here:

http://www.dfanning.com/ip_tips/logscaledbar.html

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
