
Subject: Re: changing contrast and brightness on the fly
Posted by [Ken Mankoff](#) on Sat, 16 Jun 2001 02:24:47 GMT
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>
> I'm looking for tips on how to implement an image display feature that's
> bugging me. I'm new to widget programming, trying to get up to speed
> with David Fanning's book and other helps, but any short-cuts would be
> appreciated.
>
> The job is to display an MRI image and to be able to adjust the image
> brightness and contrast interactively, without going to any special
> widgets like sliders. The control I have in mind is to
> middle-click the image and then have drag right/left control contrast
> and drag up/down control brightness.
>

I think brightness adjustment is achieved with alpha channels. May require
IDL Object Graphics. There are other ways. Search the groups.google.com
archive for recent threads on this topic.

IDL> ? cursor ; for your
IDL> ? !mouse ; second question.

> It sounds easy but I can't find anything similar described on the web
> etc. to use as a suitable starting point. Question: is changing the
> contrast and brightness to be achieved by re-defining the
> color table and re-scaling the data?

your choice to use data or color scale. use `bytsc1()`, `lt` & `gt` to rescale
the data. Probably easier (for debugging too) to do it on data.

-k.

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