Subject: Re: color table conversion
Posted by Stein Vidar Hagfors H[1] on Fri, 18 May 2001 19:28:13 GMT
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Arend Sluis <sluis@physics.rutgers.edu> writes:

- > Hi,
- >
- > this is a bit of an arcane topic, but here goes. I would like to use the
- > CIE Lab or CIE Luv color system to choose the colors that I want to load
- > into the IDL color table. The conversion from either of these color
- > systems to CIE XYZ is standard, the problem is the conversion from CIE
- > XYZ to RGB in IDL. I found one conversion (in the procedure PSEUDO), but
- > it doesn't seem to be correct, since white is not in the correct place,
- > i.e. Lab = (\*,0.,0.). Does anyone have any ideas how to find the correct
- > conversion, or how the folks at rsinc found their XYZ->RGB
- > transformation to begin with?!

Have you looked at http://www.ece.mcgill.ca/~raed/image.html "and references therein.."?

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Subject: Re: color table conversion
Posted by Arend Sluis on Tue, 22 May 2001 14:50:44 GMT
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I looked at some of the references, and they were a great help! Thanks for the tip. Arend.