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Subject: CT number calculation in IDL

Posted by [Nikki Bloms](#) on Thu, 01 Dec 2005 19:54:09 GMT

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Hi ya,

This might be a remedial question, but I have tried to search for something related with no luck.

A little background, I'm mainly using IDL for medical imaging, quality assurance of MRI/CT/etc images. My current project is to develop a program to automate measurements of ROI's on a water phantom imaged in CT. The resulting data needs to be expressed in CT numbers.

My question: Is there a conversion or an easy way to convert between pixel value and CT number? Or, are the numbers the same?

Any input is appreciated, Thank you in advance,

Nikki

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