Posted by kagoldberg on Wed, 23 Oct 2013 18:28:34 GMT

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I'm looking for a quick way to calculate local contrast across a (2048,2048) image.
The end result could be a 64x64 element array, for example, and that would be fine.

Speed-wise, calculating local averages with rebin() are lightning fast. Even median(image,N) is
pretty fast. But is there a similar high-speed way to get minimum and maximum values within each
'tile' without having to write a loop? It's as though I need a rebin_min() and rebin_max() where the
min and max values are preserved within the sampled output array.

I'd love to hear any suggestions. Thanks, Ken