

NAME

imlighten - Lighten or darken an image

SYNOPSIS

imlighten [options] infilename outfilename

DESCRIPTION

imlighten lightens or darkens an image by multiplying the intensity of each pixel by a scalar.

OPTIONS

imlighten has a variety of options in the following five categories:

File Selection	What input and output files to use
Format Selection	What image file format to use
Format Control	What variant of a file format to generate
Standard	Standard generic options on all SDSC tools
Manipulation	How the image can be manipulated

File Selection, Format Selection, Format Control, and Standard options are common to all SDSC image tools and are discussed in depth in the man page for imconv(1IM).

All options can be abbreviated to the first few unique characters.

Manipulation Options

-factor multiplier species the scalar by which we should multiply the intensities.

NOTES

For notes regarding file format conversion and standard image tool options, see the man page on imconv(1IM).

Error messages are reported to stderr.

EXAMPLES

To make a Sun Rasterfile 50% darker use the following:

imlighten light.ras darker.ras -factor 0.5

To make a TIFF 80% lighter, use the following:

imlighten toodark.tiff brighter.tiff -factor 1.8

SEE ALSO

imcopy (1IM), imroll (1IM), imrotate (1IM), imscale (1IM), imshear (1IM), ImVfbLightness (3IM)

For information on SDSC's image library, see imintro(3IM). San Diego Supercomputer Center

See the individual file format man pages for the authors of the underlying format read and write code. The names of these man pages begin with the letters "im" followed by the format name. For example, the name of the TIFF man page is imtiff. To display it, enter man imtiff.

CONTACT

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