

NAME

tiff2bw - convert a color TIFF image to greyscale

SYNOPSIS

tiff2bw [*options*] *input.tif* *output.tif*

DESCRIPTION

Tiff2bw converts an RGB or Palette color TIFF image to a greyscale image by combining percentages of the red, green, and blue channels. By default, output samples are created by taking 28% of the red channel, 59% of the green channel, and 11% of the blue channel. To alter these percentages, the **-R**, **-G**, and **-B** options may be used.

OPTIONS

- c** Specify a compression scheme to use when writing image data: **-c none** for no compression, **-c packbits** for the PackBits compression algorithm, **-c zip** for the Deflate compression algorithm, **-c g3** for the CCITT Group 3 compression algorithm, **-c g4** for the CCITT Group 4 compression algorithm, and **-c lzw** for Lempel-Ziv & Welch (the default).
- r** Write data with a specified number of rows per strip; by default the number of rows/strip is selected so that each strip is approximately 8 kilobytes.
- R** Specify the percentage of the red channel to use (default 28).
- G** Specify the percentage of the green channel to use (default 59).
- B** Specify the percentage of the blue channel to use (default 11).

SEE ALSO

pal2rgb(1), **tiffinfo(1)**, **tiffcp(1)**, **tiffmedian(1)**, **libtiff(3)**

Libtiff library home page: <http://www.simplesystems.org/libtiff/>