# PAL2RGB

[NAME](#gjdgxs)

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## NAME

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|  | pal2rgb − convert a palette color TIFF image to a full color image |

## SYNOPSIS

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|  | **pal2rgb** [ *options* ] *input.tif output.tif* |

## DESCRIPTION

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|  | *Pal2rgb* converts a palette color TIFF image to a full color image by applying the colormap of the palette image to each sample to generate a full color RGB image. |

## OPTIONS

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|  | Options that affect the interpretation of input data are: |

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|  | **−C** |  | This option overrides the default behavior of *pal2rgb* in determining whether or not colormap entries contain 16-bit or 8-bit values. By default the colormap is inspected and if no colormap entry greater than 255 is found, the colormap is assumed to have only 8-bit values; otherwise 16-bit values (as required by the TIFF specification) are assumed. The **−C** option can be used to explicitly specify the number of bits for colormap entries: **−C 8** for 8-bit values, **−C 16** for 16-bit values. |  |

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|  | Options that affect the output file format are: |

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|  | **−p** |  | Explicitly select the planar configuration used in organizing data samples in the output image: **−p contig** for samples packed contiguously, and **−p separate** for samples stored separately. By default samples are packed. |  |
|  | **−c** |  | Use the specific compression algorithm to encoded image data in the output file: **−c packbits** for Macintosh Packbits, **−c lzw** for Lempel-Ziv & Welch, **−c zip** for Deflate, **−c none** for no compression. If no compression-related option is specified, the input file’s compression algorithm is used. |  |
|  | **−r** |  | Explicitly specify the number of rows in each strip of the output file. If the **−r** option is not specified, a number is selected such that each output strip has approximately 8 kilobytes of data in it. |  |

## BUGS

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|  | Only 8-bit images are handled. |

## SEE ALSO

|  |  |
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|  | **tiffinfo**(1), **tiffcp**(1), **tiffmedian**(1), **libtiff**(3)  Libtiff library home page: **http://www.simplesystems.org/libtiff/** |