

**NAME**

tificc - little cms ICC profile applier for TIFF.

**SYNOPSIS**

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

**DESCRIPTION**

lcms is a standalone CMM engine, which deals with the color management. It implements a fast transformation between ICC profiles. **tificc** is a little cms ICC profile applier for TIFF.

**OPTIONS**

- a** Handle channels > 4 as alpha.
- b** Black point compensation.
- c** *NUM*  
Precalculates transform (0=Off, 1=Normal, 2=Hi-res, 3=LoRes) [defaults to 1].
- d** *NUM*  
Observer adaptation state (abs.col. only), (0..1.0, float value) [defaults to 0.0].
- e** Embed destination profile.
- g** Marks out-of-gamut colors on softproof.
- h** *NUM*  
Show summary of options and examples (0=help, 1=Examples, 2=Built-in profiles, 3=Contact information)
- i** **profile**  
Input profile (defaults to sRGB).
- k** *inklimit*  
Ink-limiting in % (CMYK only), (0..400.0, float value) [default 400.0].
- l** **profile**  
Transform by device-link profile.
- m** **TODO: check if values outside 0..3 are possible**  
SoftProof intent [defaults to 0].
- n** Ignore embedded profile on input.
- o** *profile*  
Output profile (defaults to sRGB).
- p** *profile*  
Soft proof profile.
- s** *newprofile*  
Save embedded profile as *newprofile*.
- t** **NUM**  
Rendering intent  
0=Perceptual [default]  
1=Relative colorimetric  
2=Saturation  
3=Absolute colorimetric  
10=Perceptual preserving black ink  
11=Relative colorimetric preserving black ink  
12=Saturation preserving black ink  
13=Perceptual preserving black plane  
14=Relative colorimetric preserving black plane  
15=Saturation preserving black plane

**-v**      Verbose.

**-w** *NUM*

Output depth (8, 16 or 32). Use 32 for floating-point.

## BUILT-IN PROFILES

\*Lab2 -- D50-based v2 CIEL\*a\*b

\*Lab4 -- D50-based v4 CIEL\*a\*b

\*Lab -- D50-based v4 CIEL\*a\*b

\*XYZ -- CIE XYZ (PCS)

\*sRGB -- sRGB color space

\*Gray22 - Monochrome of Gamma 2.2

\*Gray30 - Monochrome of Gamma 3.0

\*null - Monochrome black for all input

\*Lin2222- CMYK linearization of gamma 2.2 on each channel

## EXAMPLES

To color correct from scanner to sRGB:

tificc -iscanner.icm in.tif out.tif

To convert from monitor1 to monitor2:

tificc -imon1.icm -omon2.icm in.tif out.tif

To make a CMYK separation:

tificc -oprinter.icm inrgb.tif outcmk.tif

To recover sRGB from a CMYK separation:

tificc -iprinter.icm incmyk.tif outrgb.tif

To convert from CIELab TIFF to sRGB

tificc -i\*Lab in.tif out.tif

## NOTES

For suggestions, comments, bug reports etc. send mail to [info@littlecms.com](mailto:info@littlecms.com).

## SEE ALSO

**jpgicc(1)**, **linkicc(1)**, **psicc(1)**, **transicc(1)**

## AUTHOR

This manual page was originally written by Shiju p. Nair <[shiju.p@gmail.com](mailto:shiju.p@gmail.com)>, for the Debian project.  
Modified by Marti Maria to reflect further changes.