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 outcmyk.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.

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>, for the Debian project. Modified by Marti Maria to reflect further changes.