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.