

**NAME**

rgb2ihs – transform multiples of three frames from RGB to IHS

**SYNOPSIS**

**rgb2ihs** [-T] [-c]

**DESCRIPTION**

*rgb2ihs* transforms multiples of three byte, short, int or float frames from red-green-blue (RGB) to multiples of three intensity-hue-saturation (IHS, Munsell coordinates) or luminance-blueness-greenness (LUV, Taylor coordinates) float frames. Default is transformation to Munsell coordinates.

**OPTIONS**

-T     transform to Taylor coordinates  
-c     set *hd.numcolor* in HIPS header to 3

**SEE ALSO**

ihs2rgb(1), ihsdecorr(1)

**AUTHOR**

Allan Aasbjerg Nielsen  
IMM, Technical University of Denmark  
e-mail: aa@imm.dtu.dk