

User friendly colorimetric CIE colour notation ice^* and linear relations between rgb^* and CIELAB data

Example for elementary hue red R:

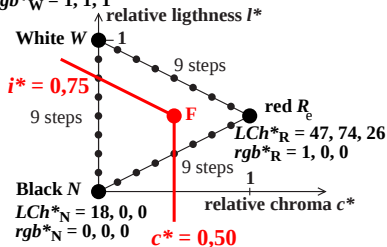
i^* relative brilliance

c^* relative chroma

e^* elementary hue value = 0

$LCh^*_W = 95, 0, 0$

$rgb^*_W = 1, 1, 1$



examples for user colour notation:

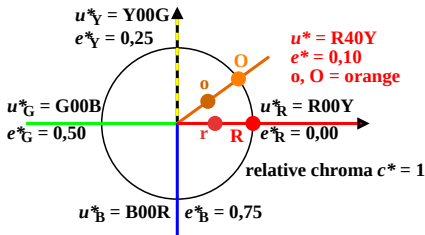
$ice^* = 0,75 \ 0,50 \ 0,00$ or

$rgb^* = 0,75 \ 0,25 \ 0,00$

$L^* = 47; C^*_{ab} = 75; h_{ab} = 26$

$L^*_N = 18; L^*_W = 95$

Notation of the relative elementary hue e^*



9 step offset colours in CIELAB colour space

$LCh^*_W = 95, 0, 0$

$rgb^*_W = 1, 1, 1$

