

Linear relation adapted (a) CIELAB ($C^*_{ab,a}, L^*$) and relative CIELAB (c^*, t^*)

System: ORS18a

$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

Hue: $h^*_O = 38/360; h^*_C = 236/360$

$$t^*_{lab*} = l^*_{lab*} - c^*_{lab*} [l^*_M - 0,5]$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M = Maximum colour

triangle lightness

t^*_{lab*}

1,0

C

O

0,5

(c^*_M, l^*_M)

relative chroma c^*_{lab*}

-1,0

-0,5

0

0,5

1,0