

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

System: TSL18

Hue: $h^*_0 = 38/360$; $h^*_C = 236/360$

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

$$I^*_{\text{lab}*} = I^*_{\text{lab}*} - c^*_{\text{lab}*} [I^*_M - 0,5]$$

$$C^*_{\text{lab}*} = C^*_{\text{shb}} / C^*_{\text{shb}M}$$

M = Maximum colour

