

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

System: ORS18a

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

$$t^* = l^* - c^* [l^*_M - 0,5]$$

CIELAB hue angles:

$h_{ab} = [26, 92, 162, 217, 272, 329]$

$$b^*_r = c^* \sin h_{ab}$$

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

M = Maximum colour

$$a^*_r = c^* \cos h_{ab}$$

$$b^*_r = c^* \sin h_{ab}$$

