

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

System: ORS18a

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

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

CIELAB hue angles:

$h_{ab} = [38, 96, 151, 236, 305, 354]$

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

M = Maximum colour

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

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

