

Linear relation adapted (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
System: HE98_FRS09_92_D65_00%_00 $t^*_a = (L^*_a - L^*_{ref}) / (L^*_{ref} - L^*_{min})$

CIELAB hue angles:

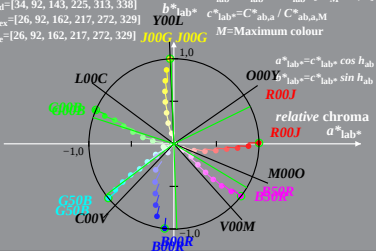
$$h_{\text{sub},d}=[34, 92, 143, 225, 313, 338]$$
$$h_{\text{obs},\text{ex}}=[26, 92, 162, 217, 272, 329]$$
$$h_{\text{obj},c}=[26, 92, 162, 217, 272, 329]$$

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

$$I_{\text{lab}}^* = I_{\text{lab}}^* - c_{\text{lab}}^* [I_M^* - 0,5]$$

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

M =Maximum colour



HE981-4A, 1; cf1=0.90; nt=0.18; nx=1.0

Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: HE98_FRS09_92_D65_00%_O1

CIELAB hue angles:

$h_{ab,d}=[34, 92, 143, 225, 313, 338]$

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

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

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

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

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

M=Maximum colour

