

Linear relation CIELAB (L^* , a^* , b^*) and adapted (a) CIELAB ($C^*_{ab,a}$, L^*)
 System: JE08_LECD display 0%_G0

CIELAB hue angles:

$h_{ab,d}=[46, 101, 131, 196, 306, 326]$

$h_{ab,dx}=[46, 101, 131, 196, 306, 326]$

$$L^*_{lab*}=(L^*-L^*_N)/(L^*_W-L^*_N)$$

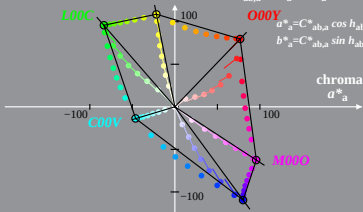
$$a^*_{*a}=a^*-a^*_N-L^*_{lab*}[a^*_W-a^*_N]$$

$$b^*_{*a}=b^*-b^*_N-L^*_{lab*}[b^*_W-b^*_N]$$

$$C^*_{ab,a}=[a^{*2}_{*a}+b^{*2}_{*a}]^{1/2}$$

$$a^*_{*a}=C^*_{ab,a}\cos h_{ab}$$

$$b^*_{*a}=C^*_{ab,a}\sin h_{ab}$$



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

System: JE08_LECD display 40%_G0

CIELAB hue angles:

$h_{ab,d}=[23, 106, 139, 198, 293, 324]$

$h_{ab,dx}=[23, 106, 140, 198, 293, 324]$

$$l^*_{lab^*}=(L^*-L^*_N)/(L^*_W-L^*_N)$$

$$a^*_{\text{a}}=a^*-a^*_N-l^*_{lab^*}[a^*_W-a^*_N]$$

$$b^*_{\text{a}}=b^*-b^*_N-l^*_{lab^*}[b^*_W-b^*_N]$$

$$C^*_{ab,a}=[a^{*2}_{\text{a}}+b^{*2}_{\text{a}}]^{1/2}$$

$$a^*_{\text{a}}=C^*_{ab,a}\cos h_{ab}$$

$$b^*_{\text{a}}=C^*_{ab,a}\sin h_{ab}$$

