

Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes (a) CIELAB* ($C_{ab,a}^*$, L^*)

System: R_LRS25_Z47N_N4

CIELAB-Bunttonwinkel:

$h_{ab,d}=[39, 0, 44, 349, 44, 0]$

$h_{ab,dx}=[40, 100, 146, 246, 297, 355]$

$$l^*=(L^*-L_N^*)/(L_W^*-L_N^*)$$

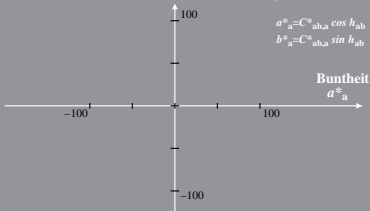
$$a_a^*=a^*-a_N^*-l^*[a_W^*-a_N^*]$$

$$b_a^*=b^*-b_N^*-l^*[b_W^*-b_N^*]$$

$$C_{ab,a}^*=[a_a^{*2}+b_a^{*2}]^{1/2}$$

$$a_a^*=C_{ab,a}^*\cos h_{ab}$$

$$b_a^*=C_{ab,a}^*\sin h_{ab}$$



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes (a) CIELAB* ($C_{ab,a}^*$, L^*)

System: R_LRS21_Z47F_N4

CIELAB-Bunttonwinkel:

$h_{ab,d}=[39, 0, 44, 349, 44, 0]$

$h_{ab,dx}=[39, 99, 151, 247, 299, 358]$

$$l^*=(L^*-L_N^*)/(L_W^*-L_N^*)$$

$$a_{\text{a}}^*=a^*-a_N^*-l^*[a_W^*-a_N^*]$$

$$b_{\text{a}}^*=b^*-b_N^*-l^*[b_W^*-b_N^*]$$

$$C_{ab,a}^*=[a_{\text{a}}^{*2}+b_{\text{a}}^{*2}]^{1/2}$$

$$a_{\text{a}}^*=C_{ab,a}^*\cos h_{ab}$$

$$b_{\text{a}}^*=C_{ab,a}^*\sin h_{ab}$$

