

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

System: GG91_HRS27_96_D65_00%_G0

CIELAB-Bunttonwinkel:

$h_{ab,d}=[33, 98, 150, 227, 301, 350]$

$h_{ab,dx}=[34, 99, 149, 227, 301, 351]$

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

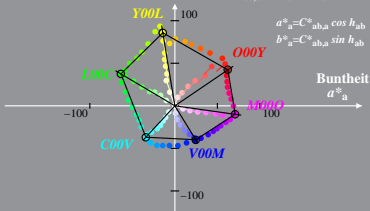
$$a^*_{\bar{a}}=a^*-a^*_N-l^*_{lab^*}[a^*_W-a^*_N]$$

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

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

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

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



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

System: GG91_HRS27_96_D65_00%_G1 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Bunttonwinkel:

$h_{ab,d} = [33, 98, 150, 227, 301, 350]$

$h_{ab,dx} = [33, 98, 150, 227, 301, 350]$

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

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

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

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

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

