

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

System: GG92_HRS16_96_D65_00%_G0

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

CIELAB-Bunttonwinkel:

$$h_{ab,d} = [32, 99, 151, 233, 300, 349]$$

$$h_{ab,dx} = [31, 99, 151, 229, 300, 350]$$

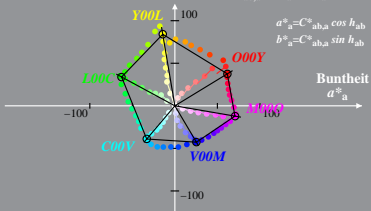
$$a^*_{\bar{a}} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

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

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

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

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



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

System: GG92_HRS16_96_D65_00%_G1

CIELAB-Bunttonwinkel:

$h_{ab,d}=[32, 99, 151, 233, 300, 349]$

$h_{ab,dx}=[32, 99, 151, 233, 300, 349]$

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

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

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

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

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

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

