

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

System: JG28_sRGB display 0%_G0

CIELAB-Buntonwinkel:

$h_{ab,d}=[40, 102, 136, 196, 306, 328]$

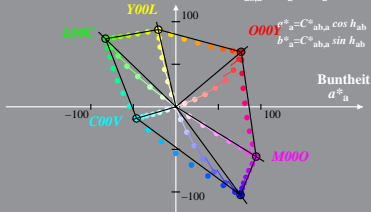
$h_{ab,dx}=[40, 102, 136, 196, 306, 328]$

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

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

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

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



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

System: JG28_sRGB display 40%_G0

CIELAB-Bunttonwinkel:

$h_{ab,d}=[21, 107, 142, 197, 293, 326]$

$h_{ab,dx}=[21, 107, 142, 197, 293, 326]$

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

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

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

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

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

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

