

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

System: SG43_HRS16_96_D65_00%_G0

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

Buntton: $h_{ab,Y00Gd}=96/360$; $h_{ab,B00Rd}=305/360$

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

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

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

Y00G_d

Helligkeit L^*

B00R_d

($C_{ab,a}^*, M^*, L^*_M$)

Buntheit $C_{ab,a}^*$



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

System: SG43_HRS16_96_D65_00%_G1

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

Buntton: $h_{ab,Y00Gd}=96/360$; $h_{ab,B00Rd}=305/360$

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

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

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

Helligkeit L^*

100

Y00Gd

B00Rd

($C_{ab,a,M}^*$, L_M^*)

Buntheit $C_{ab,a}^*$

100

50

0

50

100