

Linear relation CIELAB (L^* , a^* , b^*) and adapted (a) CIELAB ($C_{ab,a}^*$, L^*)

System: SF44_HRS16_96_D65_00%_G0

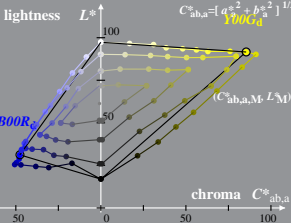
Hue: $h_{ab,Y00Gd}=96/360$; $h_{ab,B00Rd}=305/360$

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

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

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

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



SF440-2A, 1; cf1=0.90; nt=0.18; nx=1.0

Linear relation CIELAB (L^* , a^* , b^*) and adapted (a) CIELAB ($C_{ab,a}^*$, L^*)

System: SF44_HRS16_96_D65_00%_G1

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

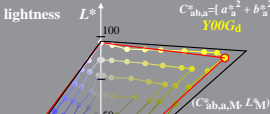
$$l^* = (L^* - L_N^*) / (L_W^* - L_N^*)$$

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

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

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

Y00Gd



B00Rd

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

100

50

0

50

100