

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

System: SE45\_FRS09\_92\_D65\_00%\_G0

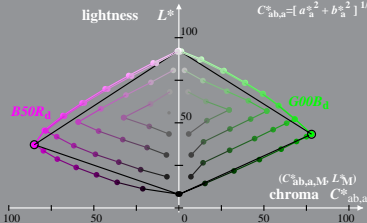
Hue:  $h_{ab,G00Bd}=151/360$ ;  $h_{ab,B50Rd}=354/360$

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

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

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

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



SE450-3A, 1; cfl=0.95; nt=0.18; nx=1.0

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

System: SE45\_FRS09\_92\_D65\_00%\_G1

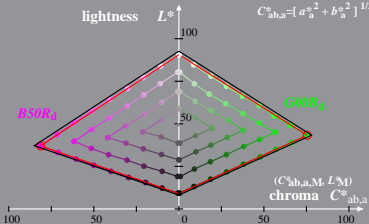
Hue:  $h_{ab,G00Bd}=151/360$ ;  $h_{ab,B50Rd}=354/360$

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

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

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

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



SE450-3A, 2; cfl=0.95; nt=0.18; nx=1.0