

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

System: GE94_HRS16_96_D65_00%_G0

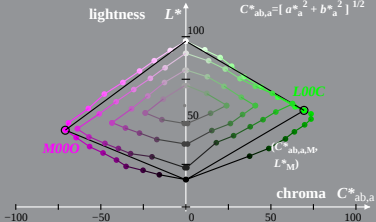
Hue: $h^*_{L00C}=151/360$; $h^*_{M00O}=354/360$

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

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

$$b^*_a = b^* - b^*_N - I^*_{lab^*} [b^*_W - b^*_N]$$

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



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

System: GE94_HRS16_96_D65_00%_G1

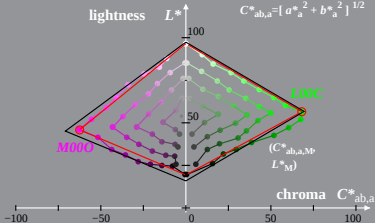
Hue: $h^*_{L00C}=151/360$; $h^*_{M00O}=354/360$

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

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

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

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



GE940-3A, 2; cf1=0.90; nt=0.18; nx=1.0