

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

System: HE99_FRS09_92_D65_00%_O0

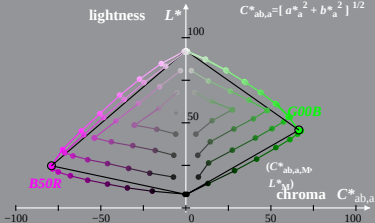
Hue: $h^*_{G00B}=162/360$; $h^*_{B50R_{br}}=329/360$

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

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

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

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



HE990-3A, 1; cf1=0.70; nt=0.18; nx=1.0

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

System: HE99_FRS09_92_D65_00%_O1

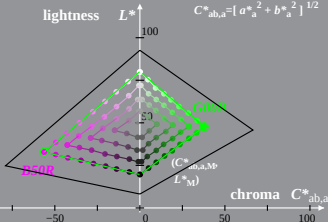
Hue: $h^*_{G00B}=162/360$; $h^*_{B50R_{br}}=329/360$

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

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

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

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



HE990-3A, 2; cf1=0.70; nt=0.18; nx=1.0