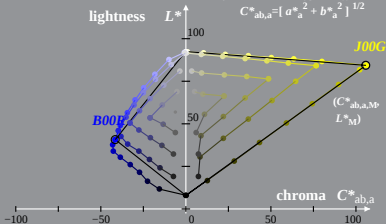


Linear relation CIELAB ( $L^*$ ,  $a^*$ ,  $b^*$ ) and adapted (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ )  
 System: HE97\_FRS09\_92\_D65\_00%\_O0  $L^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$   
 Hue:  $h^*_{J00G} = 92/360$ ;  $h^*_{B00B} = 272/360$   $a^*_a = a^* - a^*_N - L^*_{lab*} [a^*_W - a^*_N]$   
 $b^*_a = b^* - b^*_N - L^*_{lab*} [b^*_W - b^*_N]$   
 $C^*_{ab,a} = [a^{*2}_a + b^{*2}_a]^{1/2}$



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

System: HE97\_FRS09\_92\_D65\_00%\_O1

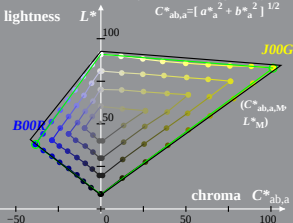
Hue:  $h^*_{J00G}=92/360$ ;  $h^*_{B00R}=272/360$

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

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

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

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



HE970-2A, 2; cf1=0.95; nt=0.18; nx=1.0