

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

System: JE09_LECD display 0%_G0

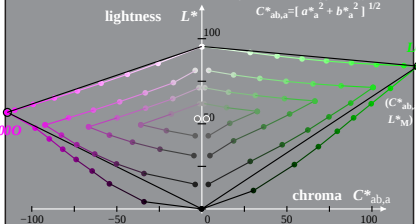
Hue: $h^*_{L00C}=151/360$; $h^*_{M00O}=354/360$

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

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

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

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



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($C^*_{ab,a}$, L^*_M)

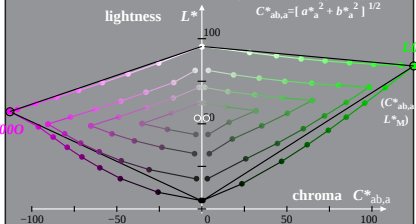
Linear relation CIELAB (L^* , a^* , b^*) and adapted (a) CIELAB ($C^*_{ab,a}$, L^*)
 System: JE09_LECD display 0,6%_G0
 Hue: $h^*_{L00C}=151/360$; $h^*_{M00O}=354/360$

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

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

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

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



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

System: JE09_LECD display 1,3%_G0

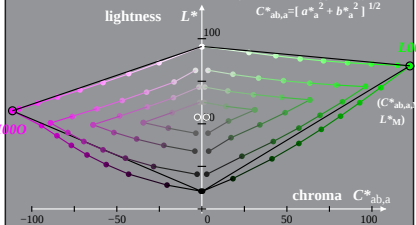
Hue: $h^*_{L00C}=151/360$; $h^*_{M00O}=354/360$

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

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

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

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



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

System: JE09_LECD display 2,5%_G0

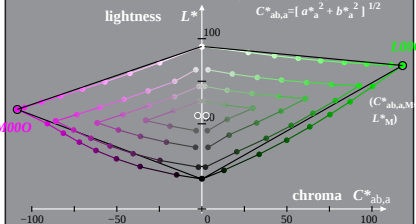
Hue: $h^*_{L00C}=151/360$; $h^*_{M00O}=354/360$

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

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

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

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



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

System: JE09_LECD display 5%_G0

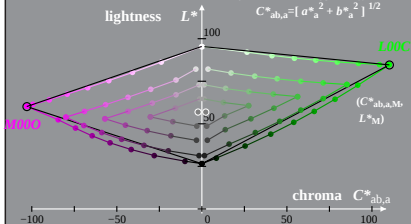
Hue: $h^*_{L00C}=151/360$; $h^*_{M000}=354/360$

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

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

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

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



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

System: JE09_LECD display 10%_G0

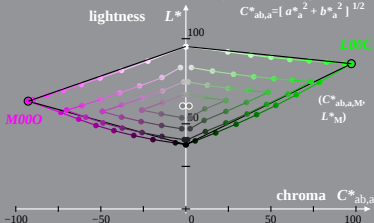
Hue: $h^*_{L00C}=151/360$; $h^*_{M00O}=354/360$

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

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

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

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



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

System: JE09_LECD display 20%_G0

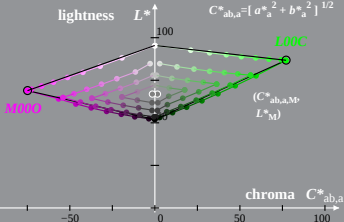
Hue: $h^*_{L00C}=151/360$; $h^*_{M00O}=354/360$

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

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

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

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



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

System: JE09_LECD display 40%_G0

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

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

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

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

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

