

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

System: B_IRS10_Z46N_N0

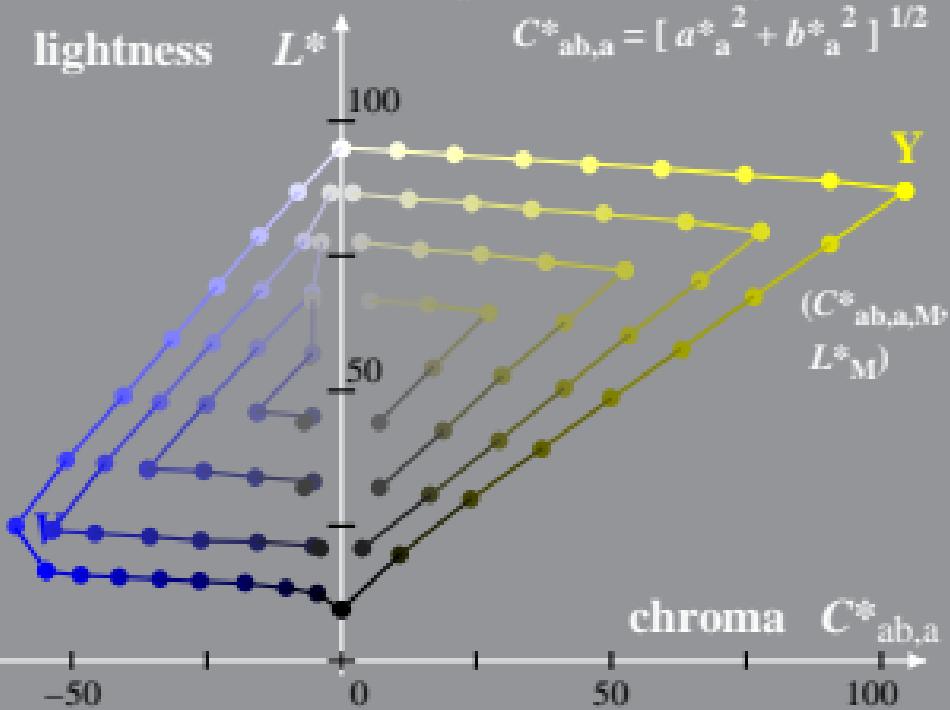
Hue: $h^*_Y = 93/360$; $h^*_V = 308/360$

$$l^*_{lab*} = (L^* - L^*_{N}) / (L^*_{W} - L^*_{N})$$

$$a^*_{a} = a^* - a^*_{N} - l^*_{lab*} [a^*_{W} - a^*_{N}]$$

$$b^*_{a} = b^* - b^*_{N} - l^*_{lab*} [b^*_{W} - b^*_{N}]$$

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



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

System: B_IRS14_Z47N_N4

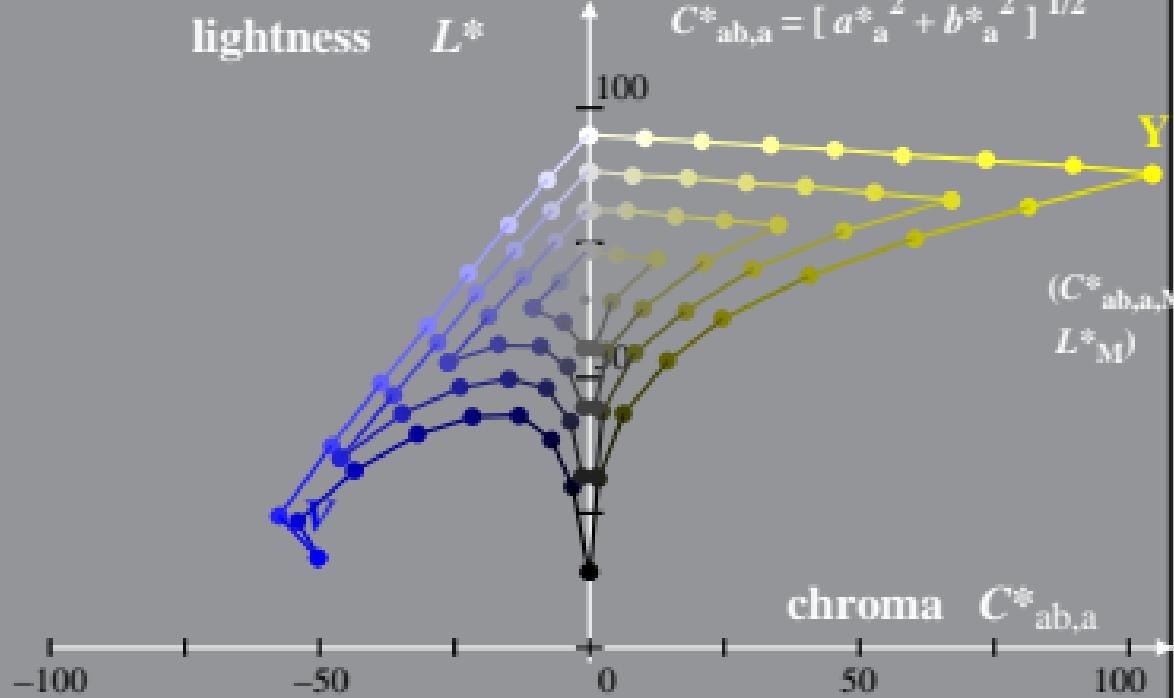
Hue: $h^*_Y = 94/360$; $h^*_V = 296/360$

$$l^*_{lab^*} = (L^* - L^*_{N}) / (L^*_{W} - L^*_{N})$$

$$a^*_{a} = a^* - a^*_{N} - l^*_{lab^*} [a^*_{W} - a^*_{N}]$$

$$b^*_{a} = b^* - b^*_{N} - l^*_{lab^*} [b^*_{W} - b^*_{N}]$$

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



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

System: B_IRS25_Z48N_NS_VT092

Hue: $h^*_Y = 96/360$; $h^*_V = 297/360$

$$l^*_{lab*} = (L^* - L^*_{N}) / (L^*_{W} - L^*_{N})$$

$$a^*_{a} = a^* - a^*_{N} - l^*_{lab*} [a^*_{W} - a^*_{N}]$$

$$b^*_{a} = b^* - b^*_{N} - l^*_{lab*} [b^*_{W} - b^*_{N}]$$

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

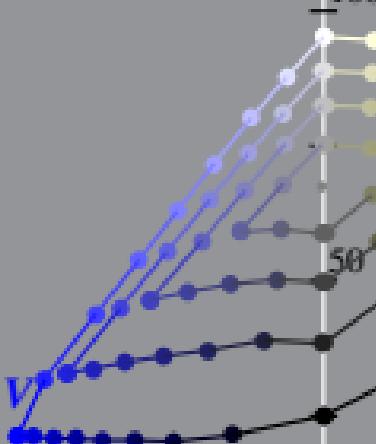
lightness

L^*

100

Y

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



chroma $C^*_{ab,a}$

50

100

-100

-50

0

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

System: B_IRS14_Z48N_NS_VT100

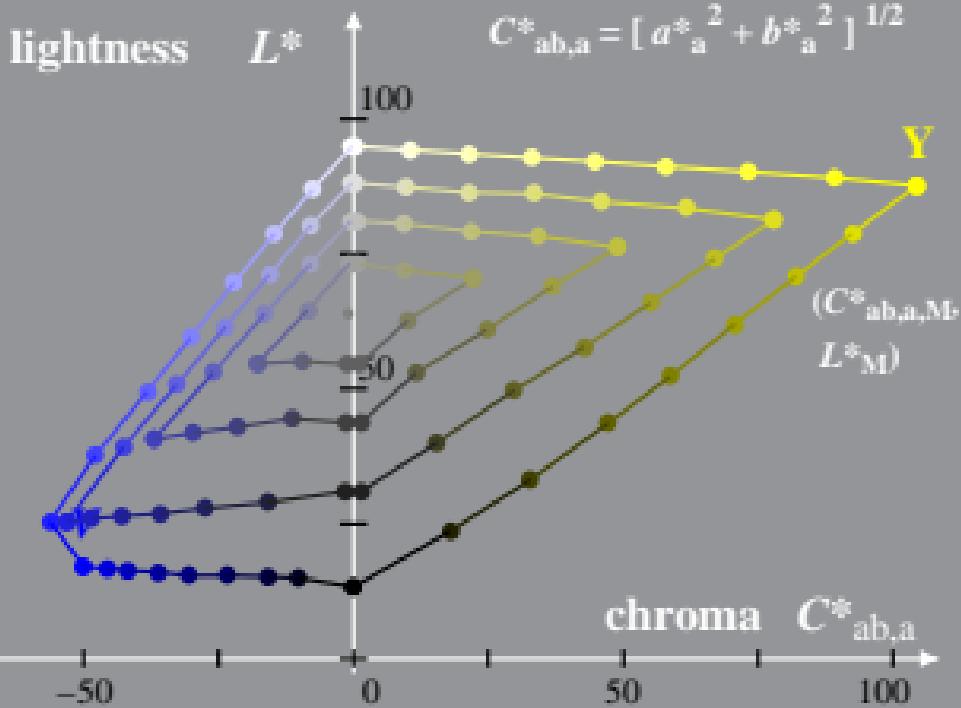
$$l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$$

Hue: $h^*_Y = 94/360$; $h^*_V = 296/360$

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

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

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



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

System: B_IRS23_Z48F_N5_VT092

Hue: $h^*_Y = 95/360$; $h^*_V = 296/360$

$$l^*_{lab*} = (L^* - L^*_{N}) / (L^*_{W} - L^*_{N})$$

$$a^*_{a} = a^* - a^*_{N} - l^*_{lab*} [a^*_{W} - a^*_{N}]$$

$$b^*_{a} = b^* - b^*_{N} - l^*_{lab*} [b^*_{W} - b^*_{N}]$$

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

