

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

System: R_LRS18_Z45N_3

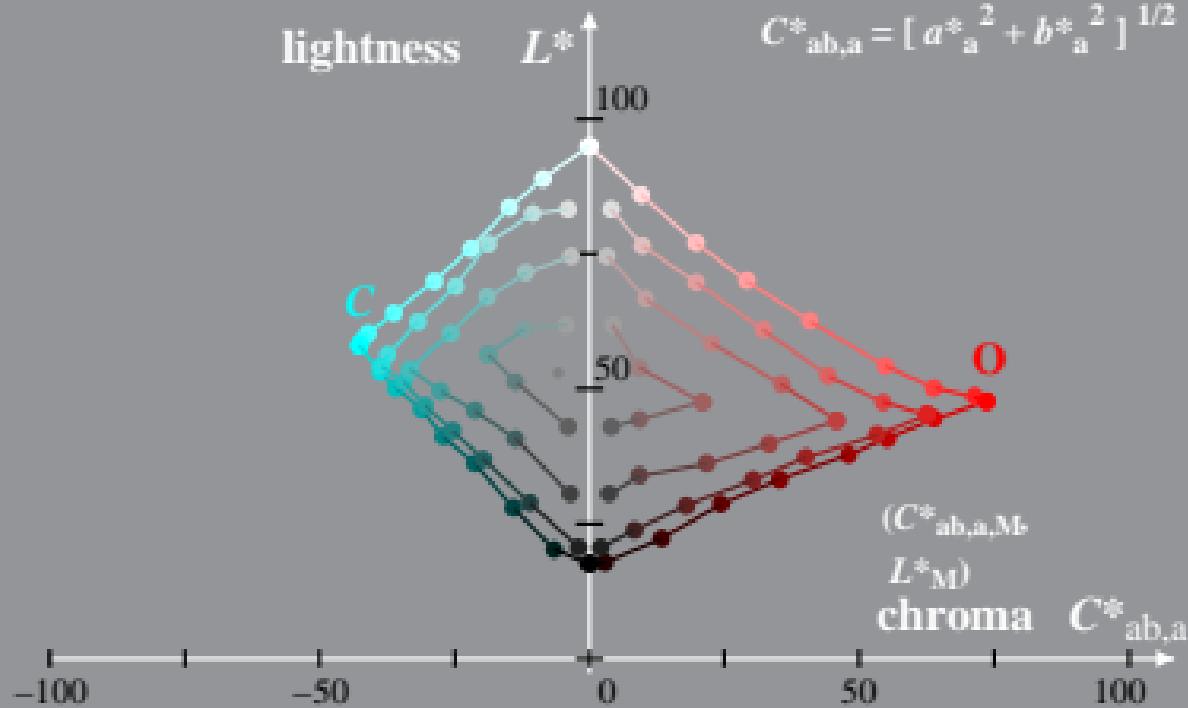
Hue: $h^*_{\text{O}} = 40/360$; $h^*_{\text{C}} = 227/360$

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

$$a^*_{\text{g}} = a^* - a^*_{\text{N}} - l^*|_{\text{sh}*} [a^*_{\text{W}} - a^*_{\text{N}}]$$

$$b^*_{-2} = b^* - b^*_{\infty} - I^*_{\perp \text{sh}^*} [b^*_{\text{W}} - b^*_{\infty}]$$

$$C^*_{\text{ab},3} = [a^*_{-3}{}^2 + b^*_{-3}{}^2]^{1/2}$$



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

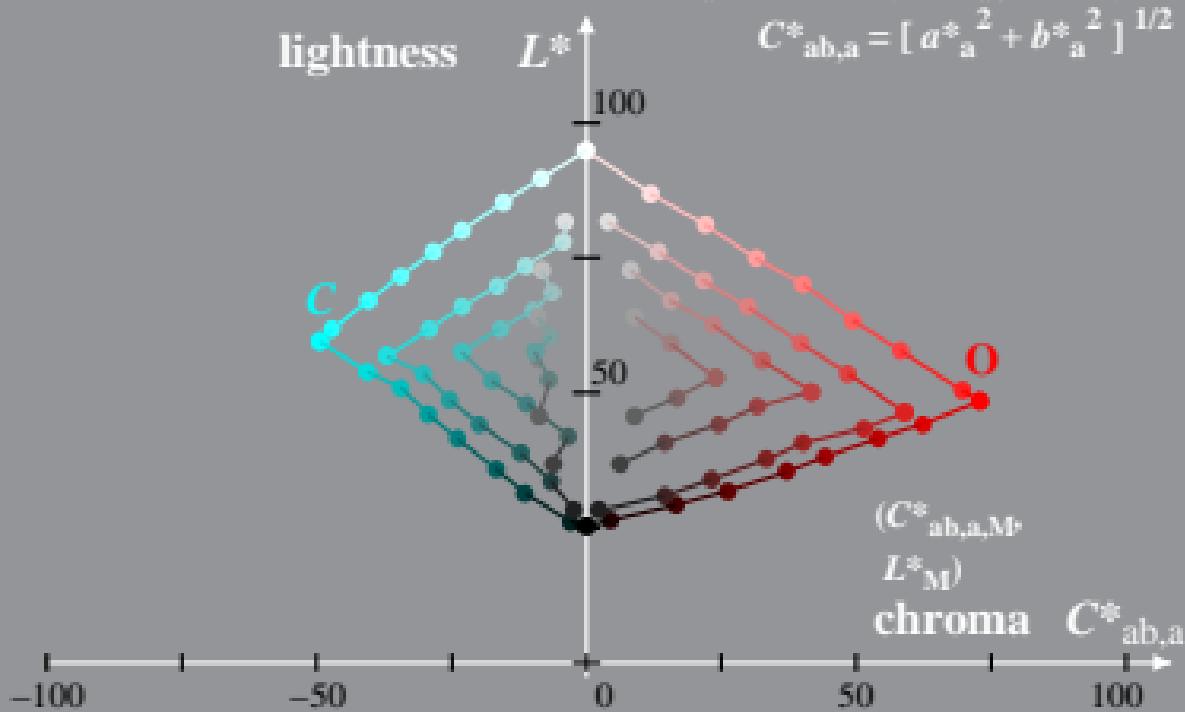
System: R_LRS25_Z46N_N0

Hue: $h^*_O = 33/360$; $h^*_C = 252/360$

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

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

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



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

System: R_LRS25_Z47N_N4

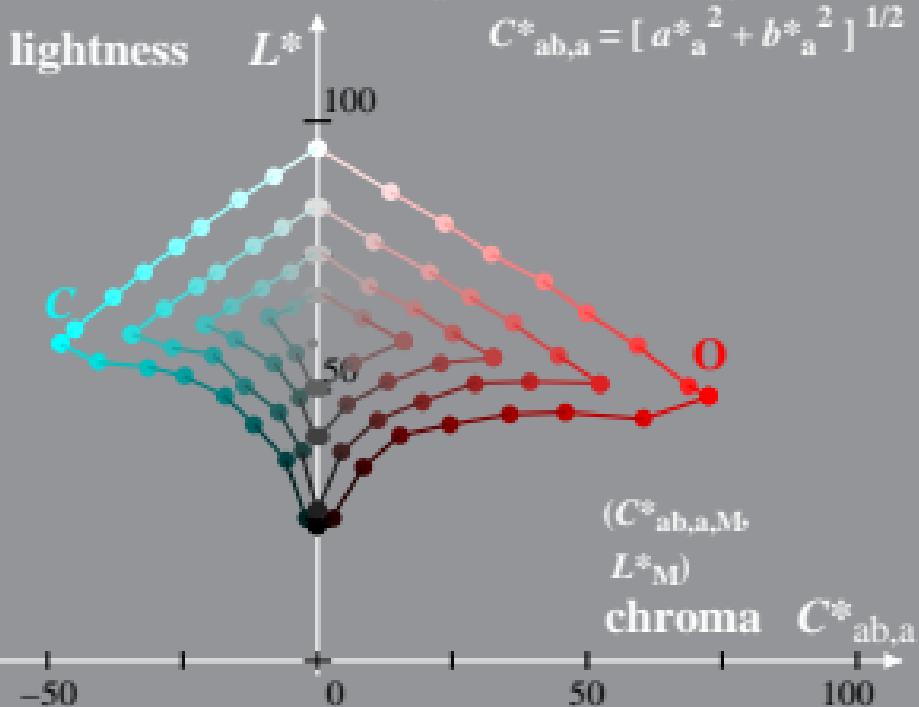
Hue: $h^*_O = 40/360$; $h^*_C = 246/360$

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

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

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

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



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

System: R_LRS24_Z48N_N5

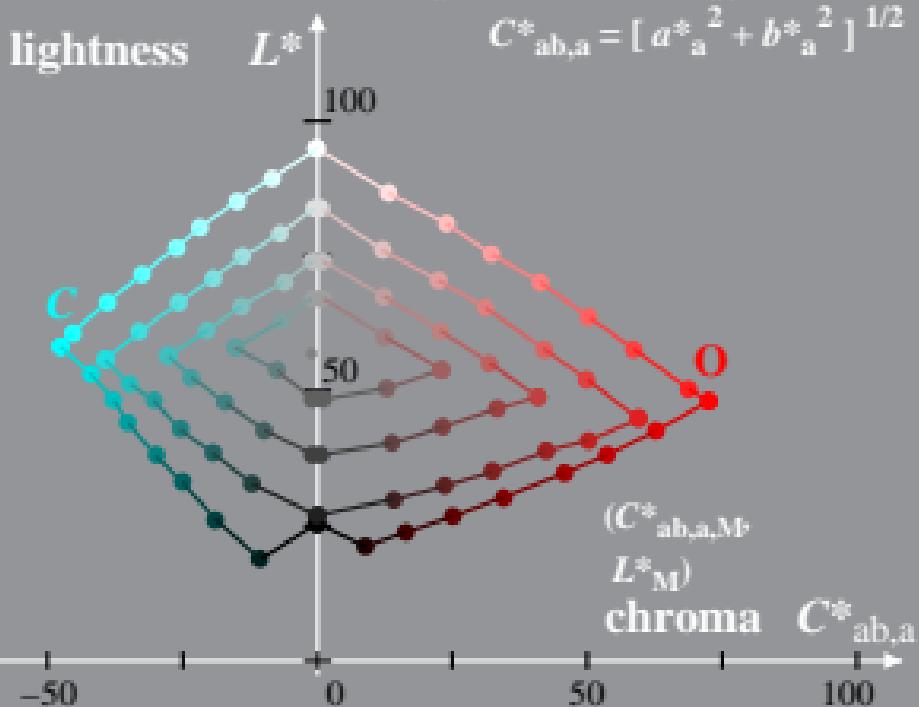
Hue: $h^*_O = 39/360$; $h^*_C = 246/360$

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

$$a^*_{ab,a} = a^* - a^*_{N} - I^*_{lab*} [a^*_{W} - a^*_{N}]$$

$$b^*_{ab,a} = b^* - b^*_{N} - I^*_{lab*} [b^*_{W} - b^*_{N}]$$

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



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

System: R_LRS16_Z45F_3

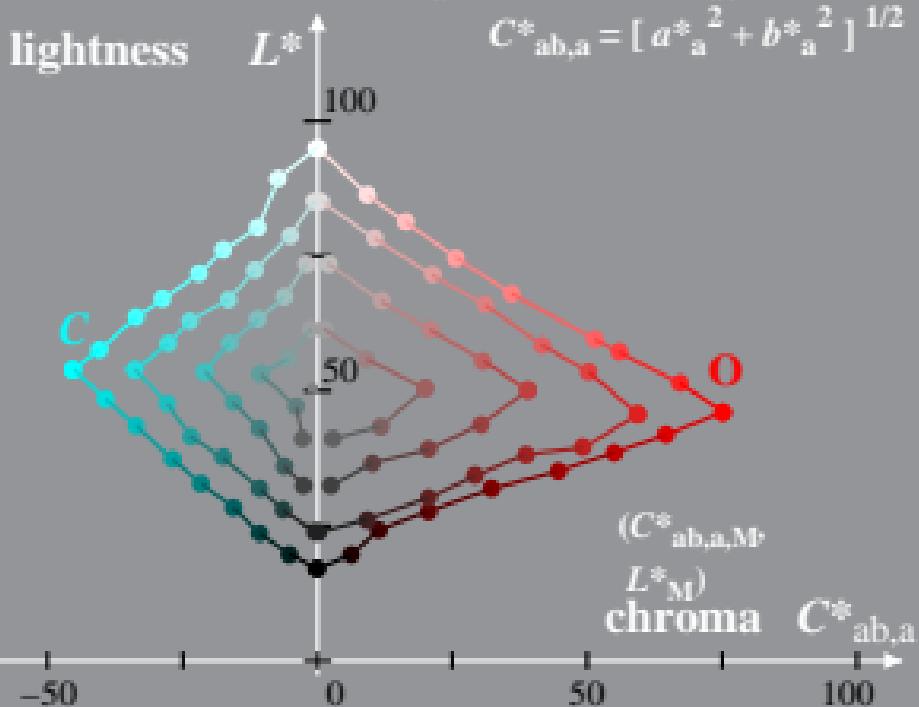
Hue: $h^*_O = 38/360$; $h^*_C = 230/360$

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

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

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

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



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

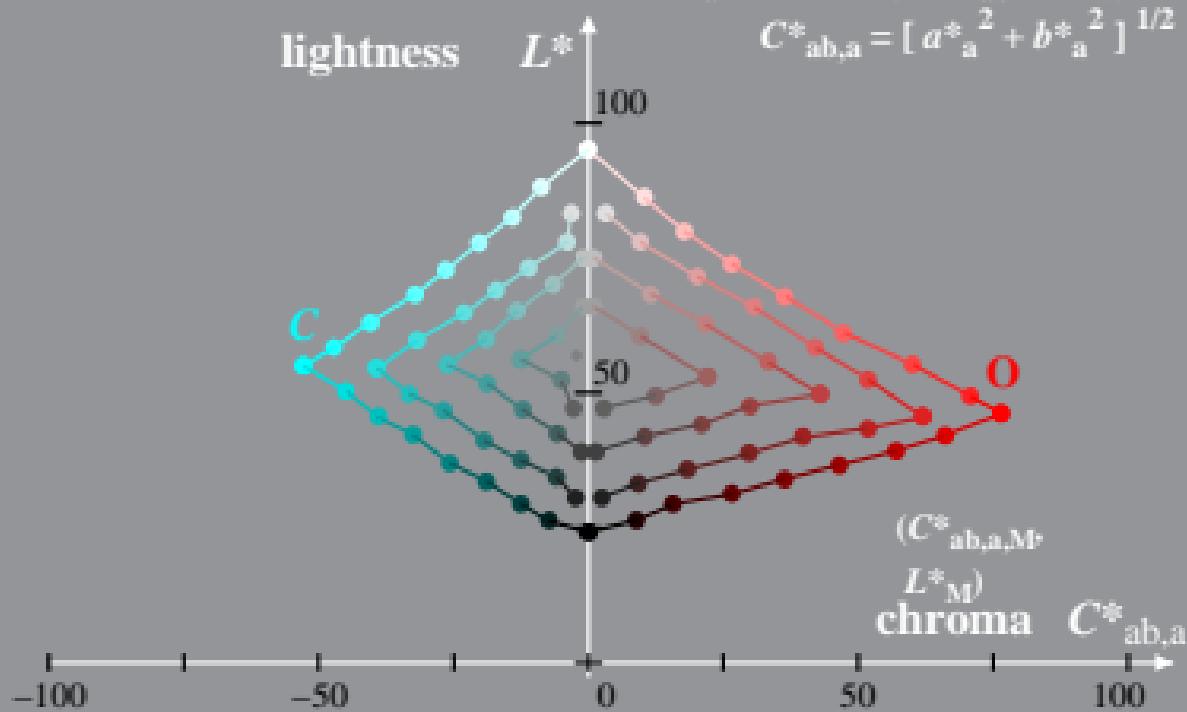
System: R_LRS24_Z46F_N0

Hue: $h^*_O = 32/360$; $h^*_C = 254/360$

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

$$a^*_{ab,a} = a^* - a^*_{N} - I^*_{lab*} [a^*_{W} - a^*_{N}]$$

$$b^*_{ab,a} = b^* - b^*_{N} - I^*_{lab*} [b^*_{W} - b^*_{N}]$$



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

System: R_LRS21_Z47F_N4

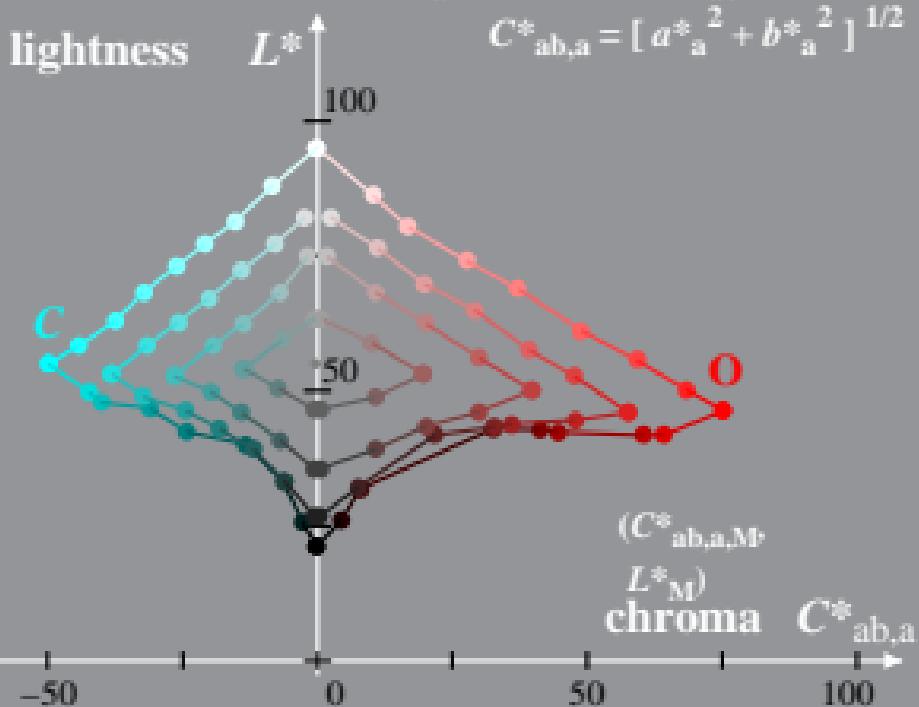
Hue: $h^*_O = 39/360$; $h^*_C = 247/360$

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

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

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

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



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

System: R_LRS21_Z48F_NS

Hue: $h^*_O = 40/360$; $h^*_C = 247/360$

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

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

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

