

Beziehung CIELAB (L^*, a^*, b^*) und adaptiertes (a) CIELAB ($C_{ab,a}^*, L^*$)
System: M_ORS23_Z46N_N0 $L_{ab,a}^* = (L^* - L_{av}) / (L_{av}^* - L^*)$

CIELAB-Bunntonwinkel:

$$h_{\text{ab},d} = [33, 96, 155, 234, 300, 350]$$

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

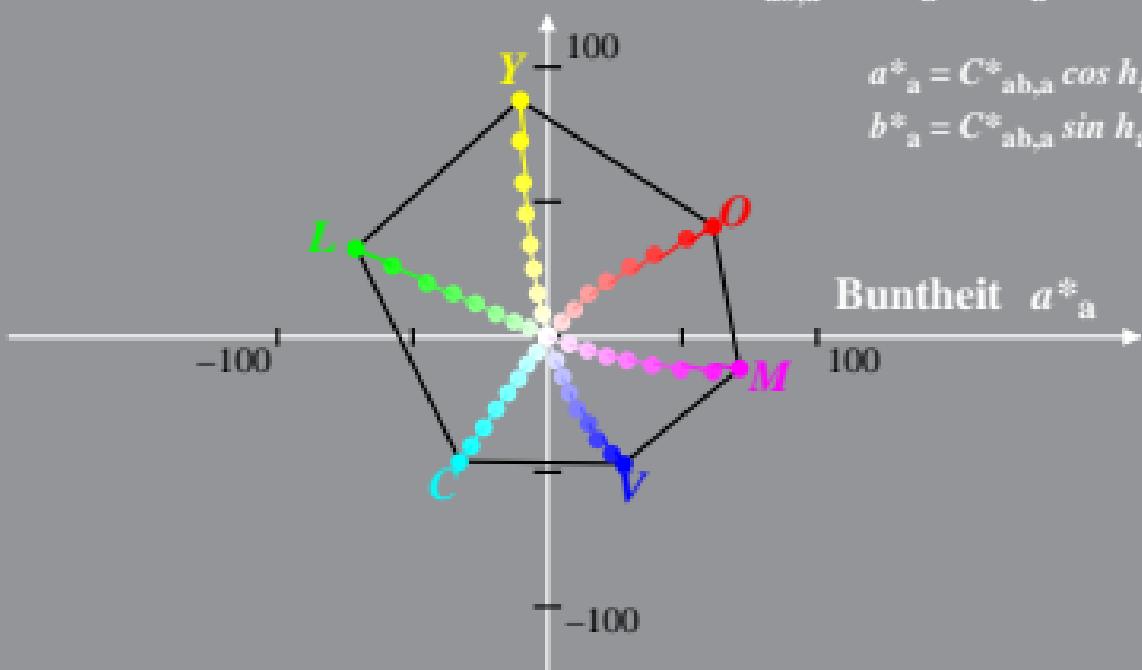
$$a_{\text{a}}^* = a^* - a_N^* - l_{\text{lab}}^* [a_W^* - a_N^*]$$

$$b^*_{-z} = b^* - b^*_{\infty} - I^*_{\text{abs}} [b^*_{\text{W}} - b^*_{\infty}]$$

$$C_{\text{sh},\alpha}^* \equiv [q_{\alpha}^{*\perp 2} + k_{\alpha}^{*\perp 2}]^{1/2}$$

$$a^*_{\alpha} = C^*_{\alpha b, \alpha} \cos h_{ab}$$

$$b_{\perp}^* = C_{ab,a}^* \sin h_{ab}$$



Beziehung CIELAB (L^*, a^*, b^*) und adaptiertes (a) CIELAB ($C_{ab,g}^*, L^*$)
System: M_ORS18_Z47N_N4

CIELAB-Bunntonwinkel:

$$h_{\text{ab},d} = [32, 96, 153, 236, 303, 351]$$

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

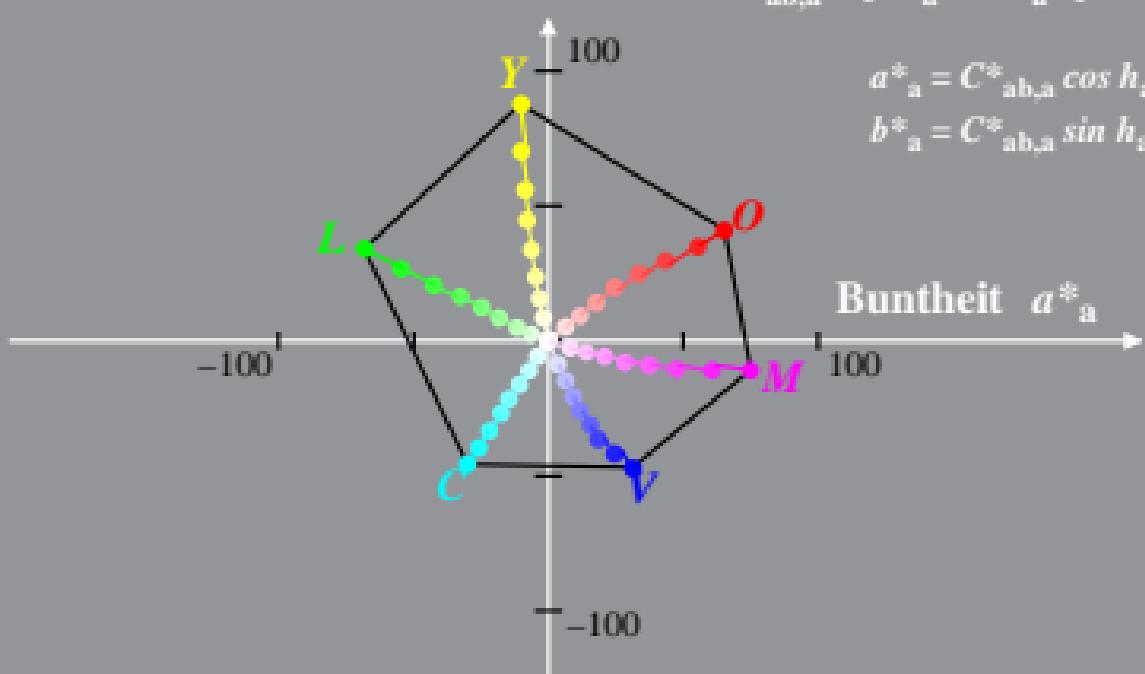
$$a_{\text{--}a}^* = a_N^* - I_{\text{lab}}^* [a_W^* - a_N^*]$$

$$b^*_{-\infty} = b^* - b^*_{\infty} = l^*_{-\infty} + l^*_{\infty} [b^*_{\infty} - b^*_{-\infty}]$$

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

$$a^*_{\alpha} = C^*_{\alpha b, \beta} \cos h_{ab}$$

$$b_{\beta}^* = C_{ab\beta}^* \sin h_{ab}$$



Beziehung CIELAB (L^*, a^*, b^*) und adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$)

System: M_ORS18_Z48N_N5_VT098?

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

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

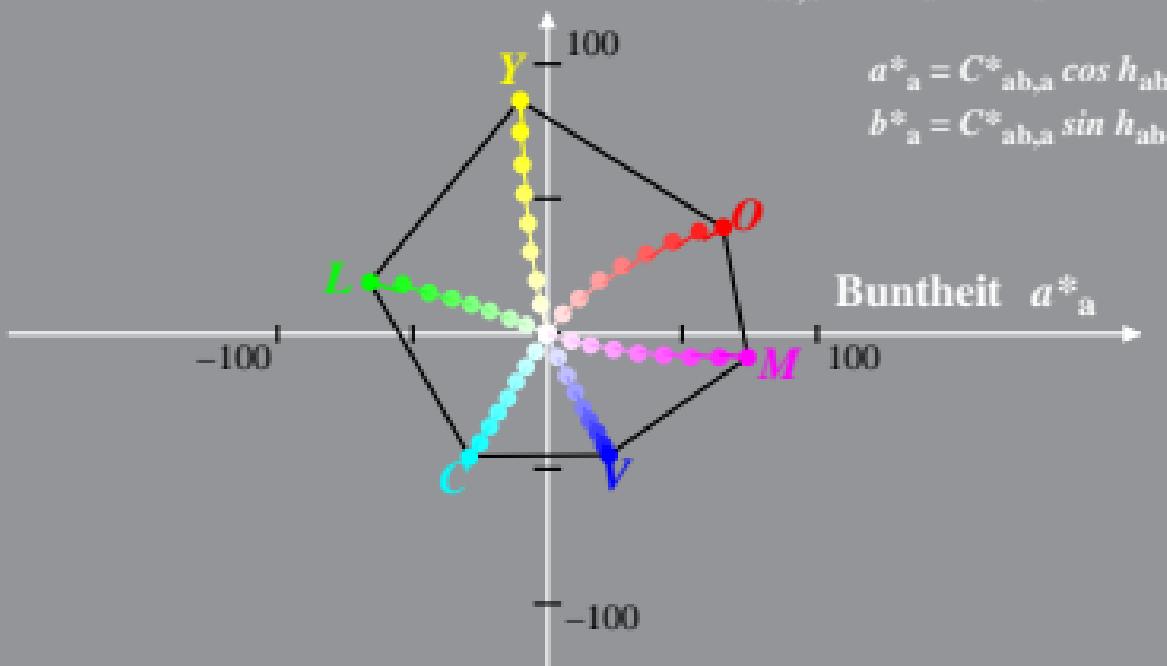
$$b^*_{ab} = b^* - b^*_N - l^*_{lab*} [b^*_W - b^*_N]$$

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

CIELAB-Buntonwinkel:

$$h_{ab,d} = [31, 96, 163, 237, 296, 353]$$

$$b^*_{ab}$$



$$a^*_{ab} = C^*_{ab,a} \cos h_{ab}$$

$$b^*_{ab} = C^*_{ab,a} \sin h_{ab}$$

Beziehung CIELAB (L^*, a^*, b^*) und adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$)

System: M_ORS18_Z48N_N5_VT100

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

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

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

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

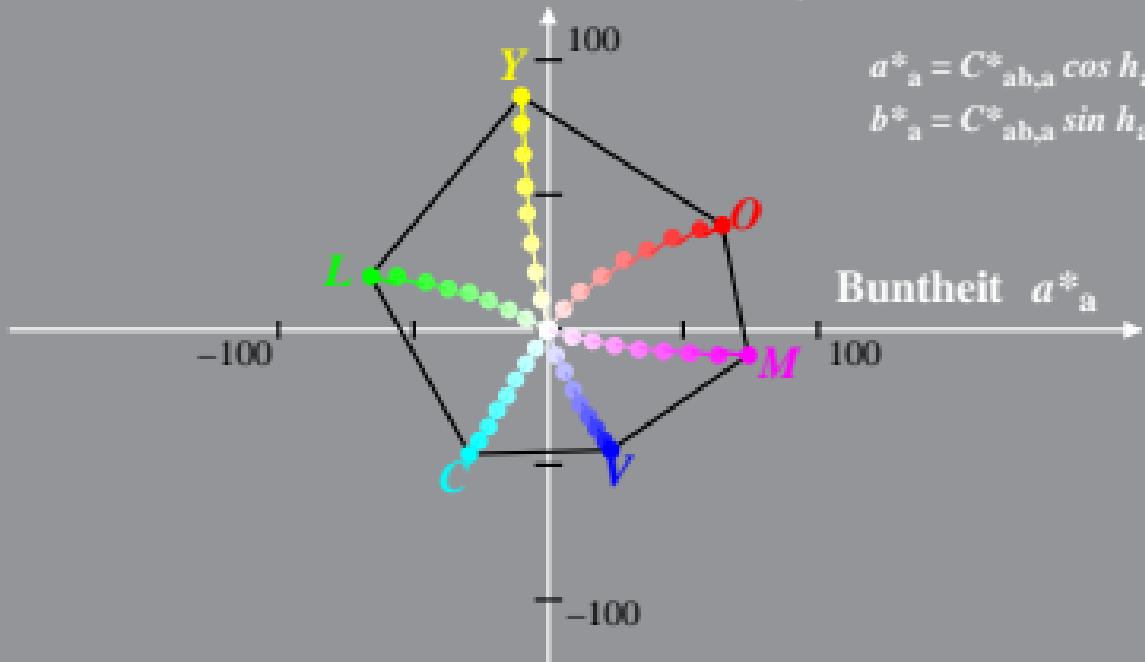
CIELAB-Buntnonwinkel:

$$h_{ab,d} = [31, 96, 163, 237, 297, 352]$$

$$b^*_{ab}$$

$$a^*_{ab} = C^*_{ab,a} \cos h_{ab}$$

$$b^*_{ab} = C^*_{ab,a} \sin h_{ab}$$



Beziehung CIELAB (L^*, a^*, b^*) und adaptiertes (a) CIELAB ($C_{\text{lab},a}^*, L^*$)

System: M_ORS26_Z48F_N5_VT092

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

$$a^*_{-3} = a^* - a^*_N - l^*|_{\partial B^*} [a^*_W - a^*_N]$$

$$h^*_{-} = h^* - h^*_{+} = I^*_{-,-,+} [h^*_{++} - h^*_{+-}]$$

$$C_{ab,2}^* = [a_{-2}^{*-2} + b_{-2}^{*-2}]^{1/2}$$

CIELAB-Bunttonwinkel:

$$h_{\text{ab},d} = [31, 96, 154, 236, 305, 351]$$

