

Beziehung CIELAB (L^*, a^*, b^*) und adaptiertes (a) CIELAB ($C_{ab,a}^*, L^*$)
System: ORS18aS.DAT

CIELAB-Buntonwinkel:

$$h_{ab,d} = [37, 0, 44, 353, 44, 0]$$

$$h_{ab,dx} = [37, 96, 150, 236, 305, 353]$$

$$l^* = (L^* - L_N^*) / (L_W^* - L_N^*)$$

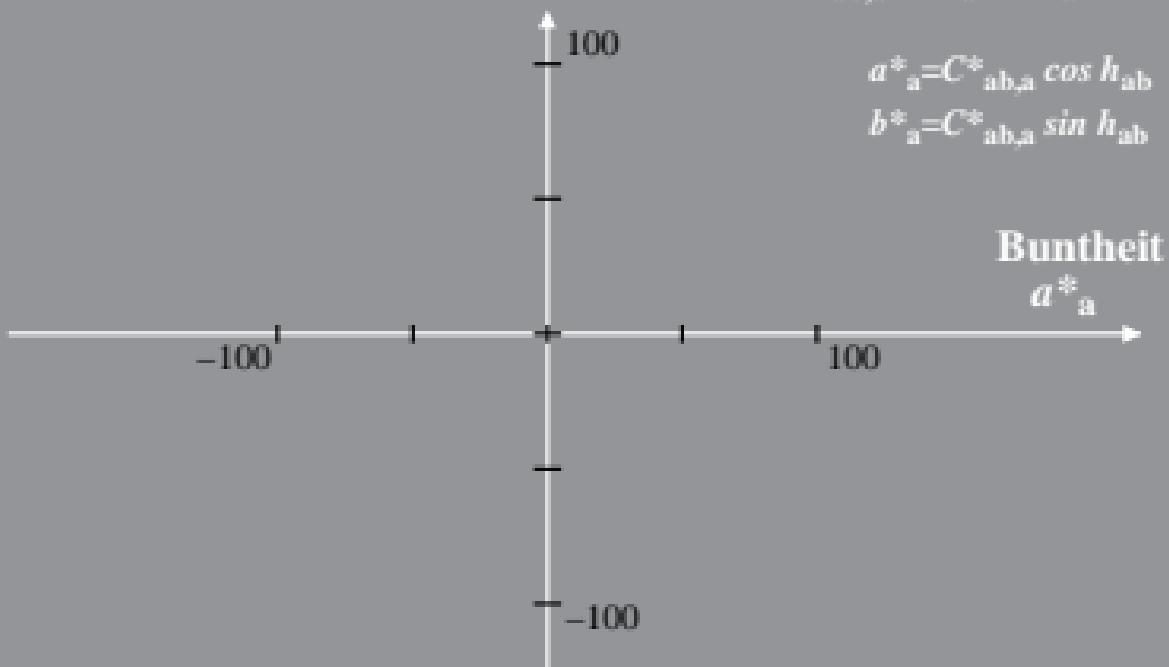
$$a_{\text{a}}^* = a^* - a_N^* - l^* [a_W^* - a_N^*]$$

$$b_{\text{a}}^* = b^* - b_N^* - l^* [b_W^* - b_N^*]$$

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

$$b_{\text{a}}^*$$

$$a_{\text{a}}^*$$



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$$l^* = (L^* - L_N^*) / (L_W^* - L_N^*)$$

CIELAB-Buntonwinkel:

$$a_{ab,a}^* = a^* - a_N^* - l^* [a_W^* - a_N^*]$$

$$b_{ab,a}^* = b^* - b_N^* - l^* [b_W^* - b_N^*]$$

$$C_{ab,a}^* = \sqrt{a_{ab,a}^{*2} + b_{ab,a}^{*2}}$$

$$h_{ab,a} = \arctan(b_{ab,a}^* / a_{ab,a}^*)$$

$$h_{ab,d} = [37, 0, 44, 353, 44, 0]$$

$$h_{ab,dx} = [37, 96, 150, 236, 305, 353]$$

$$b_{ab,a}^*$$

