

Beziehung CIELAB ( $L^*$ ,  $a^*$ ,  $b^*$ ) und *adaptiertes* (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ )  
 System: M\_OR523\_Z46N\_N0

CIELAB-Buntonwinkel:

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

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

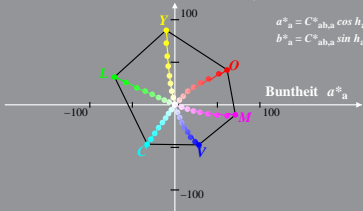
$$a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

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

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

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

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



Beziehung CIELAB ( $L^*$ ,  $a^*$ ,  $b^*$ ) und *adaptiertes* (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ )  
 System: M\_OR518\_Z47N\_N4

CIELAB-Bunttonwinkel:

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

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

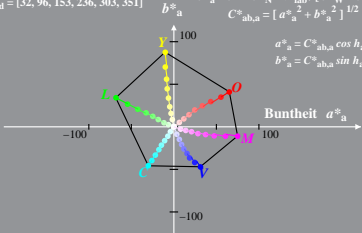
$$a^*_{\text{a}} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{\text{a}} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

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

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

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



Beziehung CIELAB ( $L^*$ ,  $a^*$ ,  $b^*$ ) und *adaptiertes* (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ )  
 System: M\_OR518\_Z48N\_N5\_VT098?

CIELAB-Bunttonwinkel:

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

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

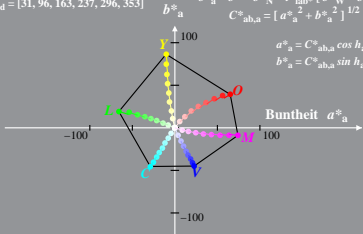
$$a^*_{\text{a}} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{\text{a}} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

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

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

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



Beziehung CIELAB ( $L^*$ ,  $a^*$ ,  $b^*$ ) und *adaptiertes* (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ )  
 System: M\_OR518\_Z48N\_N5\_VT100

CIELAB-Bunttonwinkel:

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

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

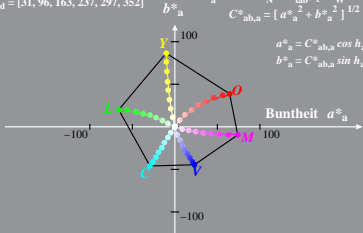
$$a^*_{\text{a}} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{\text{a}} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

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

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

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



Beziehung CIELAB ( $L^*$ ,  $a^*$ ,  $b^*$ ) und *adaptiertes* (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ )  
 System: M\_OR526\_Z48F\_N5\_VT092

CIELAB-Bunttonwinkel:

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

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

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

$$b^*_{\text{a}} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

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

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

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

