

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

System: GG85_HRS16_96_D65_00%_O0 $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Bunttonwinkel:

$h_{ab,d} = [33, 99, 153, 224, 297, 346]$

$h_{ab,dx} = [38, 96, 151, 236, 305, 354]$

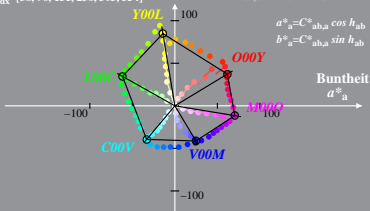
$$a^*_{\tilde{a}} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

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

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

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

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



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

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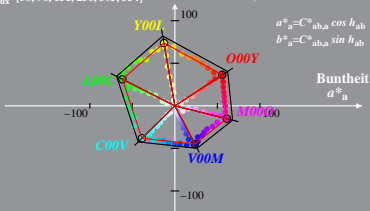
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$$C^*_{ab,a} = [a^{*2}_a + b^{*2}_a]^{1/2}$$

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

System: GG85_HRS16_96_D65_25%_O0 $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Bunttonwinkel:

$h_{ab,d} = [33, 99, 153, 224, 297, 346]$

$h_{ab,dx} = [52, 109, 172, 253, 317, 365]$

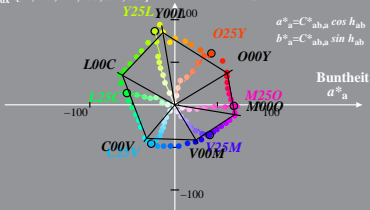
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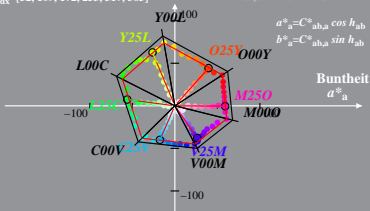
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Beziehung CIELAB (L^* , a^* , b^*) und adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*)

System: GG85_HRS16_96_D65_50%_O0

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

CIELAB-Buntonwinkel:

$$h_{ab,d} = [33, 99, 153, 224, 297, 346]$$

$$h_{ab,dx} = [67, 123, 193, 270, 329, 376]$$

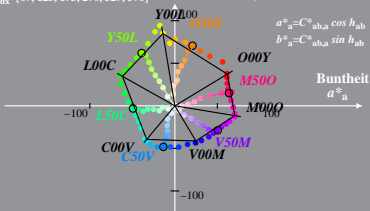
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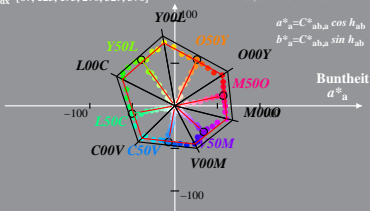
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Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)

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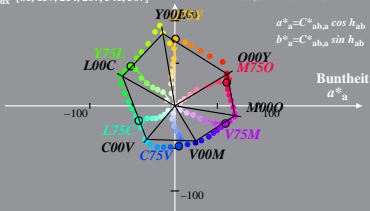
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