

Linear relation CIELAB (L^*, a^*, b^*) and adapted (a) CIELAB ($C^*_{ab,a}, L^*$)
 LE43_LECD display_1 0%_Fadin

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

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

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

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

CIELAB hue angles:

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

Y00L

$$b^*_{ab}$$

$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

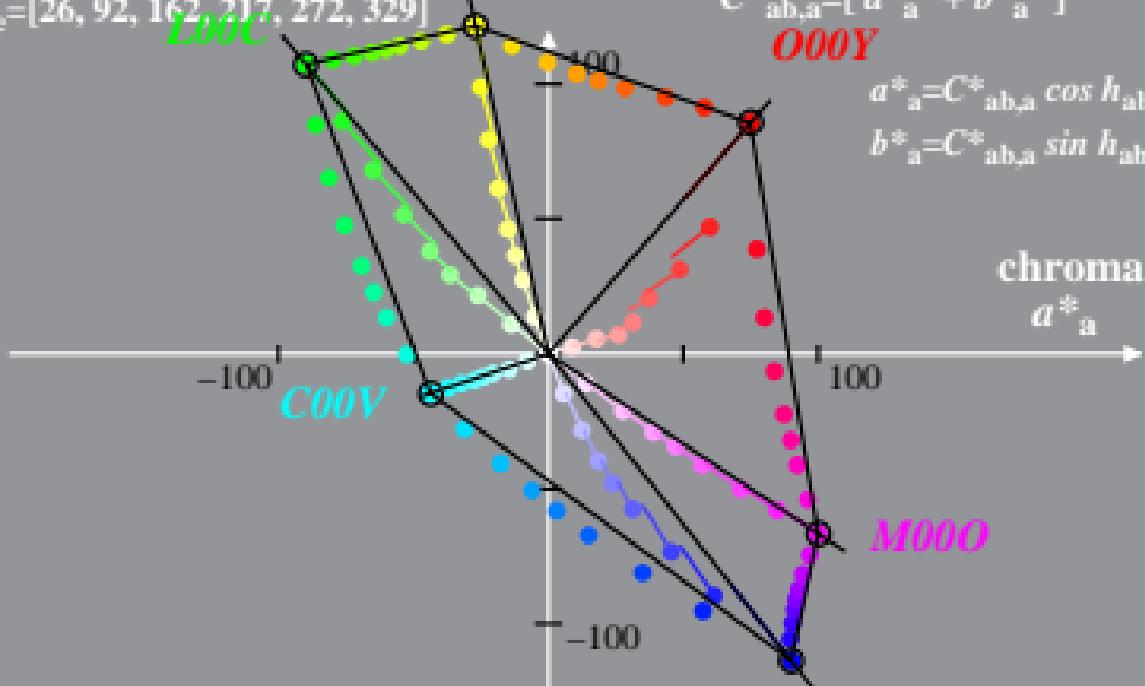
L00C

O00Y

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

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

chroma
 a^*_{ab}



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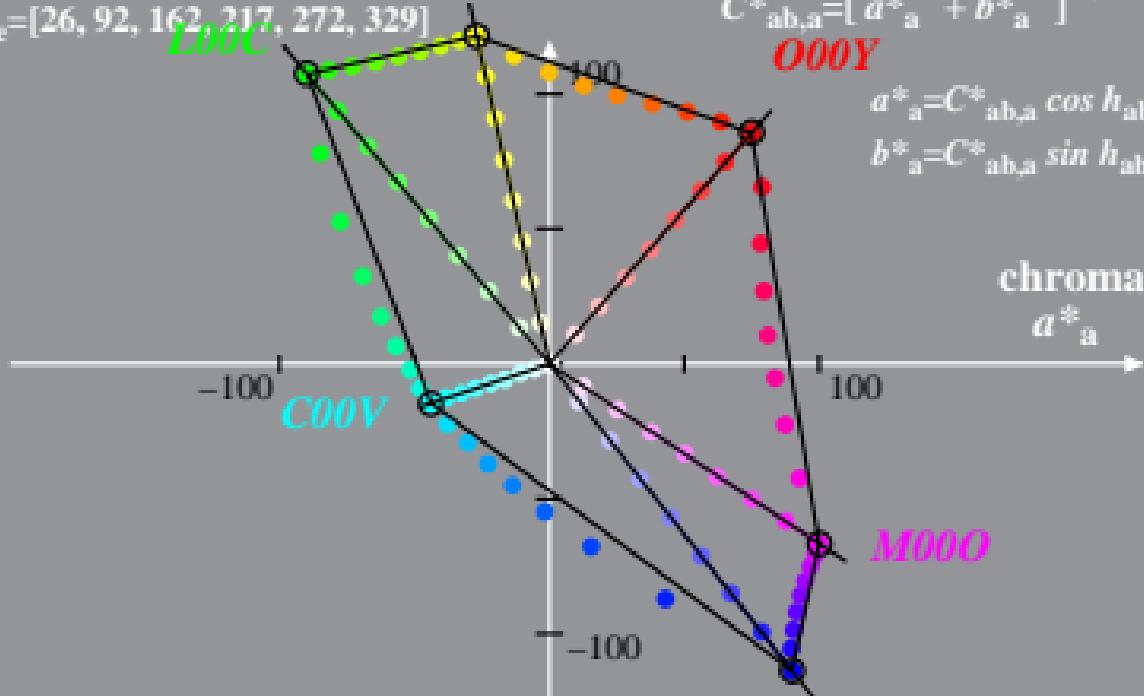
$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

L00C

O00Y

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

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



Linear relation CIELAB (L^* , a^* , b^*) and adapted (a) CIELAB ($C^*_{ab,a}$, L^*)
 LE43_LECD display_1 0,6%_Fadin

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

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

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

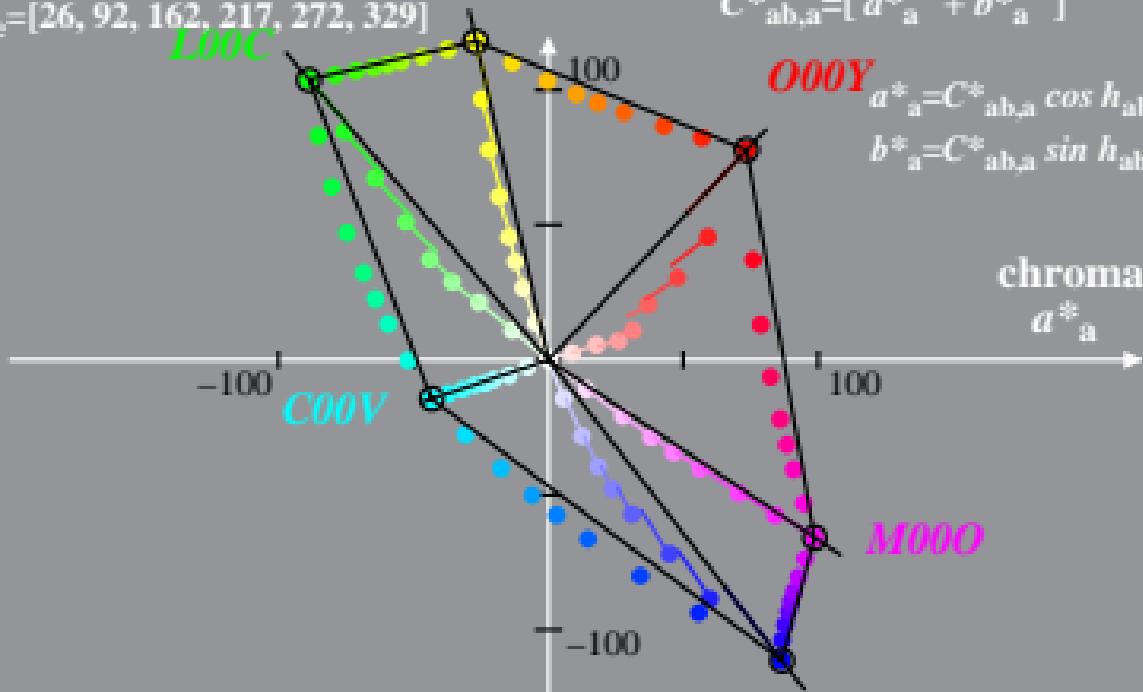
$$C^*_{ab,a} = [a^*_{ab}^2 + b^*_{ab}^2]^{1/2}$$

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, \text{yellow}]$$

$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

$$\begin{aligned} L00C & \quad O00Y \\ a^*_{ab} &= C^*_{ab,a} \cos h_{ab} \\ b^*_{ab} &= C^*_{ab,a} \sin h_{ab} \end{aligned}$$



Linear relation CIELAB (L^*, a^*, b^*) and adapted (a) CIELAB ($C_{ab,a}^*, L^*$)
 LE43_LECD display_1 0,6%_Fadit $L^*_{ab,a} = (L^* - L^*_{ref}) / (L^*_{ref} - L^*_{min})$

CIELAB hue angles:

$h_{\text{obs}} = [38, 96, 151, 236, 305, 350]L$

$$h_{ab,c} = [26, 92, 162, 217, 272, 329]$$

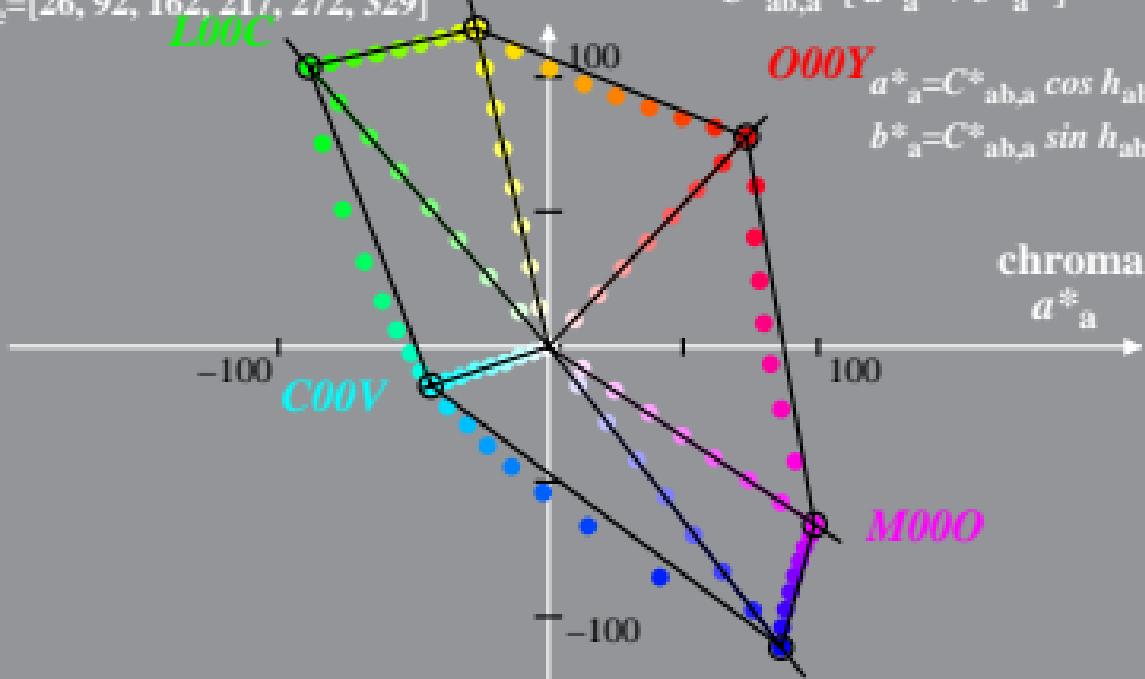
60

60

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

$$h^* = h^*_{\text{min}} + h^*_{\text{max}} - [h^*_{\text{min}} + \dots + h^*_{\text{max}}]$$

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



Linear relation CIELAB (L^* , a^* , b^*) and adapted (a) CIELAB ($C^*_{ab,a}$, L^*)
 LE43_LECD display_1 1,2%_Fadin

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

$$b^*_{ab}$$

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

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

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 350]$$

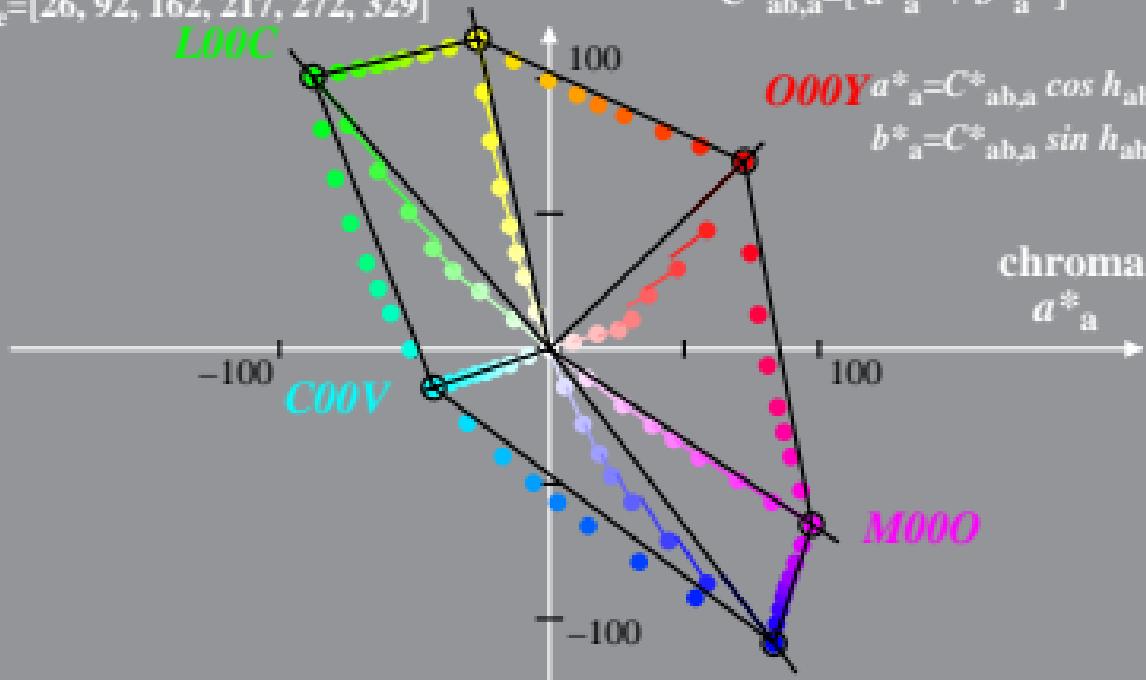
Y00L

$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

L00C

$$O00Y a^*_{ab} = C^*_{ab,a} \cos h_{ab}$$

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



Linear relation CIELAB (L^* , a^* , b^*) and adapted (a) CIELAB ($C^*_{ab,a}$, L^*)
 LE43_LECD display_1 1,2%_Fadit

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CIELAB hue angles:

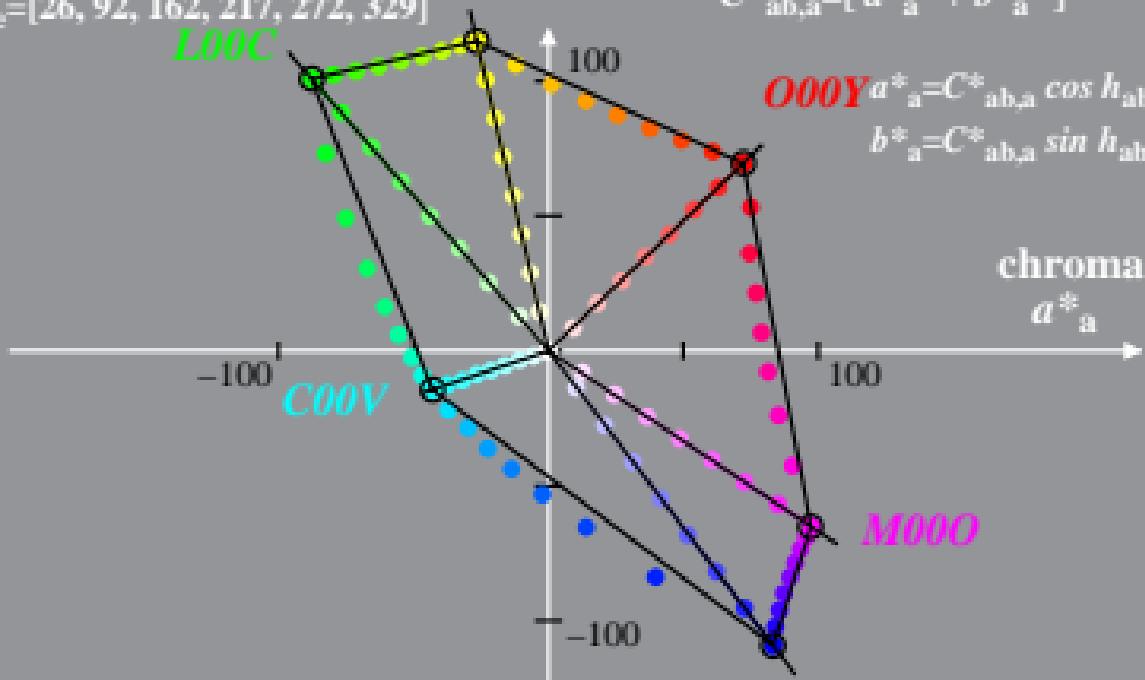
$$h_{ab,d} = [38, 96, 151, 236, 305, 354] \text{ Y00L}$$

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$$L00C$$

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Linear relation CIELAB (L^*, a^*, b^*) and adapted (a) CIELAB ($C^*_{ab,a}, L^*$)
 LE43_LECD display_1 2,5%_Fadin

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CIELAB hue angles:

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$Y00L$

$L00C$

$C00V$

b^*_{ab}

a^*_{ab}

$O00Y$

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

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

chroma

a^*_{ab}

$M00O$

$V00M$

LE430-4A, 2,5%_Fadin 0

Linear relation CIELAB (L^*, a^*, b^*) and adapted (a) CIELAB ($C^*_{ab,a}, L^*$)
 LE43_LECD display_1 2,5%_Fadit

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

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

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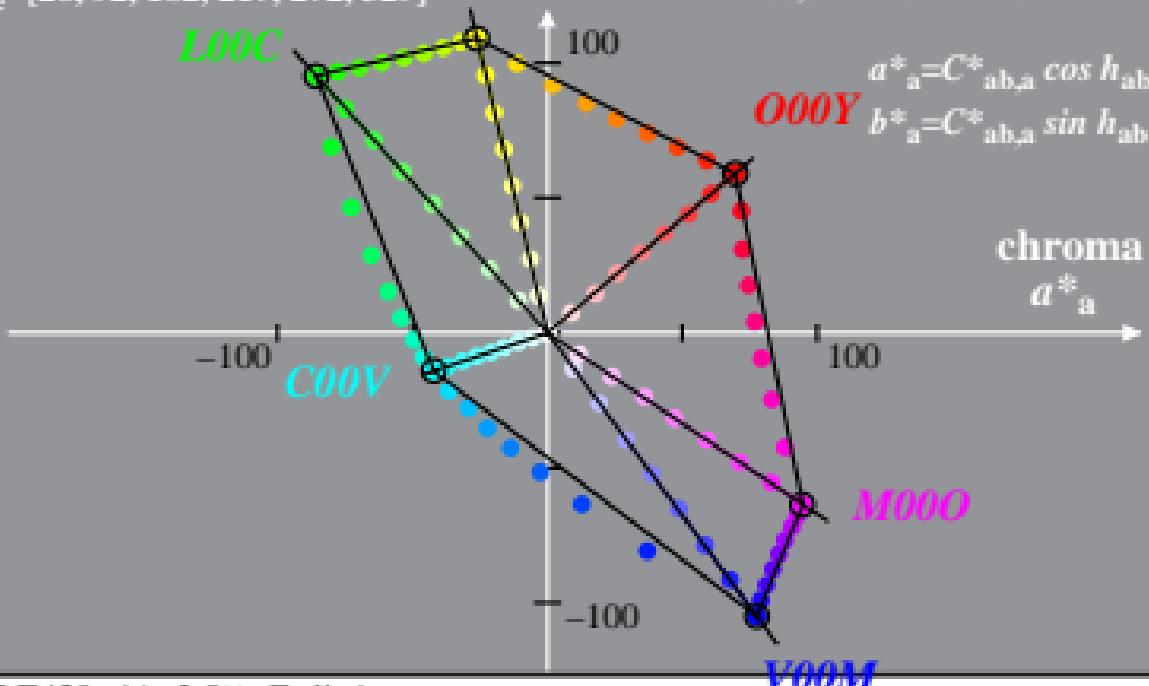
$$C^*_{ab,a} = [a^*_{ab}^2 + b^*_{ab}^2]^{1/2}$$

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chroma

$$a^*_{ab}$$

Linear relation CIELAB (L^*, a^*, b^*) and adapted (a) CIELAB ($C^*_{ab,a}, L^*$)
 LE43_LECD display_1 5%_Fadin

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

CIELAB hue angles:

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

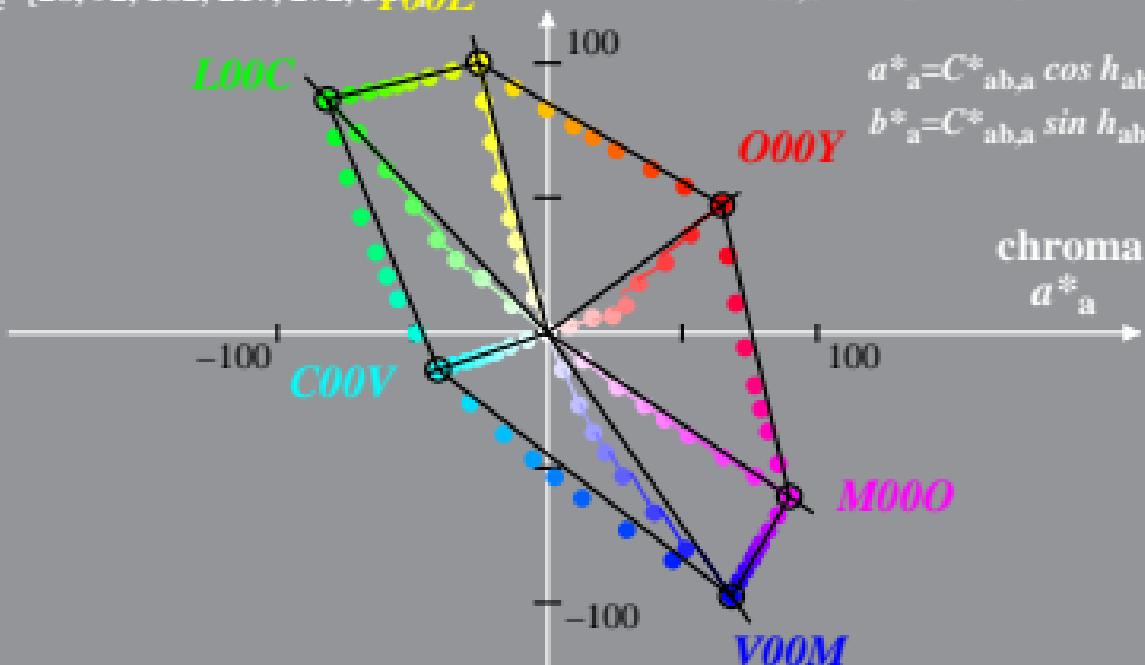
$$h_{ab,e} = [26, 92, 162, 217, 272, 340]$$

$$b^*_{\text{a}}$$

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

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

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



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

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$$b^*_{\text{a}}$$

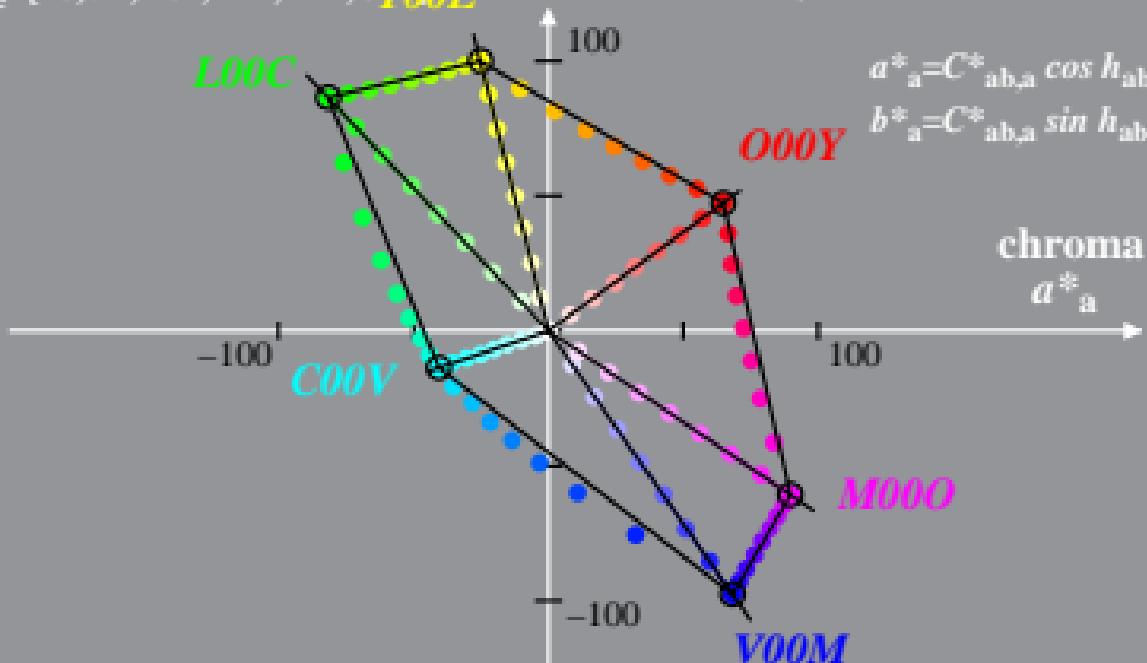
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$$C^*_{ab,a} = [a^*_{\text{a}}^2 + b^*_{\text{a}}^2]^{1/2}$$

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Linear relation CIELAB (L^*, a^*, b^*) and adapted (a) CIELAB ($C^*_{ab,a}, L^*$)
 LE43_LECD display_1 10%_Fadin

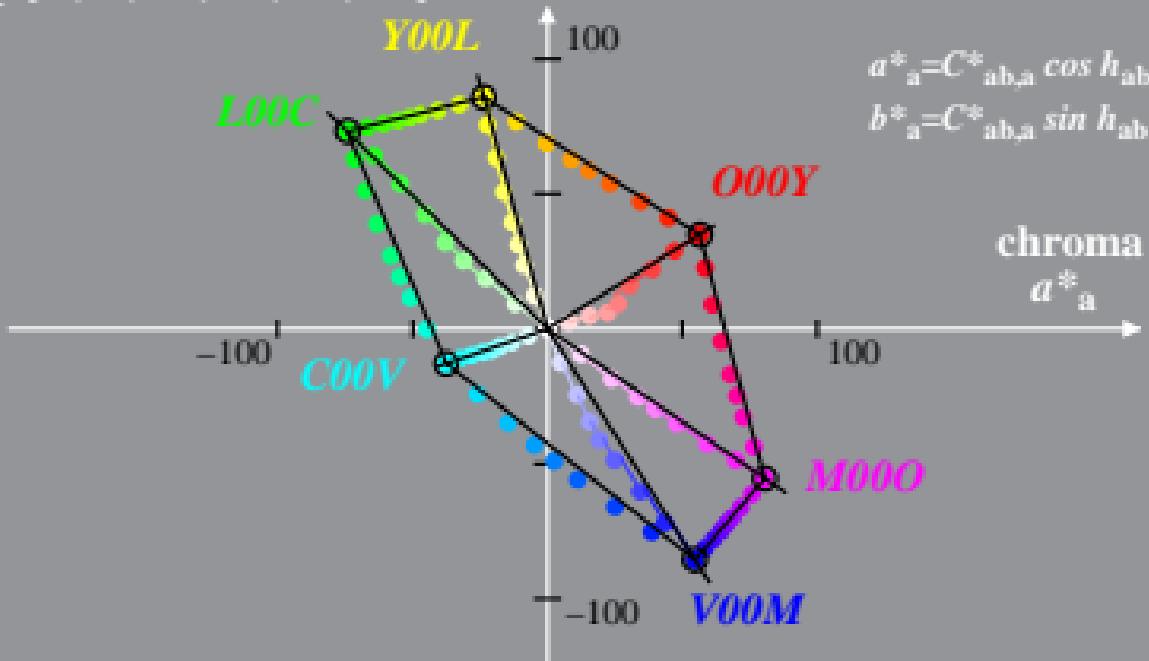
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 LE43_LECD display_1 10%_Fadit

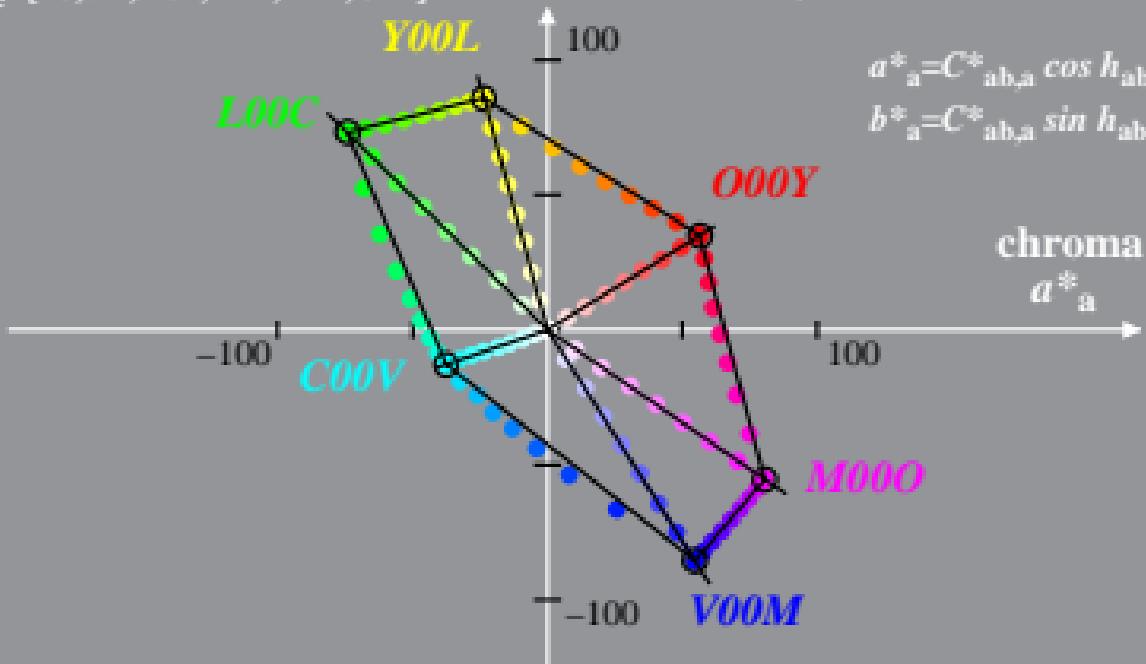
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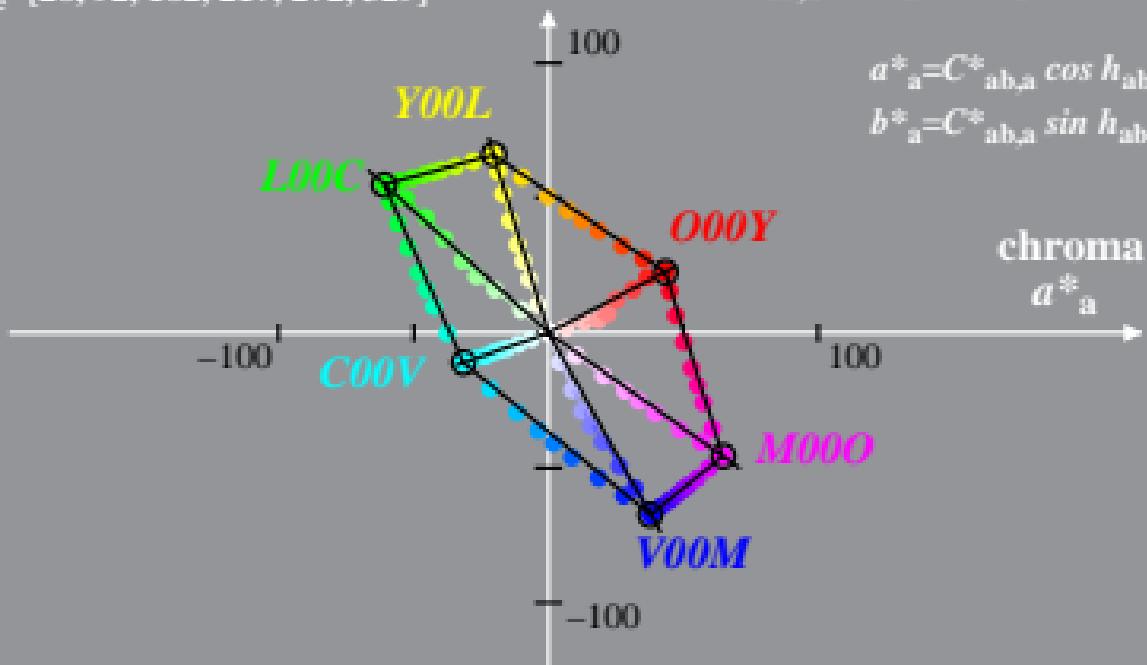
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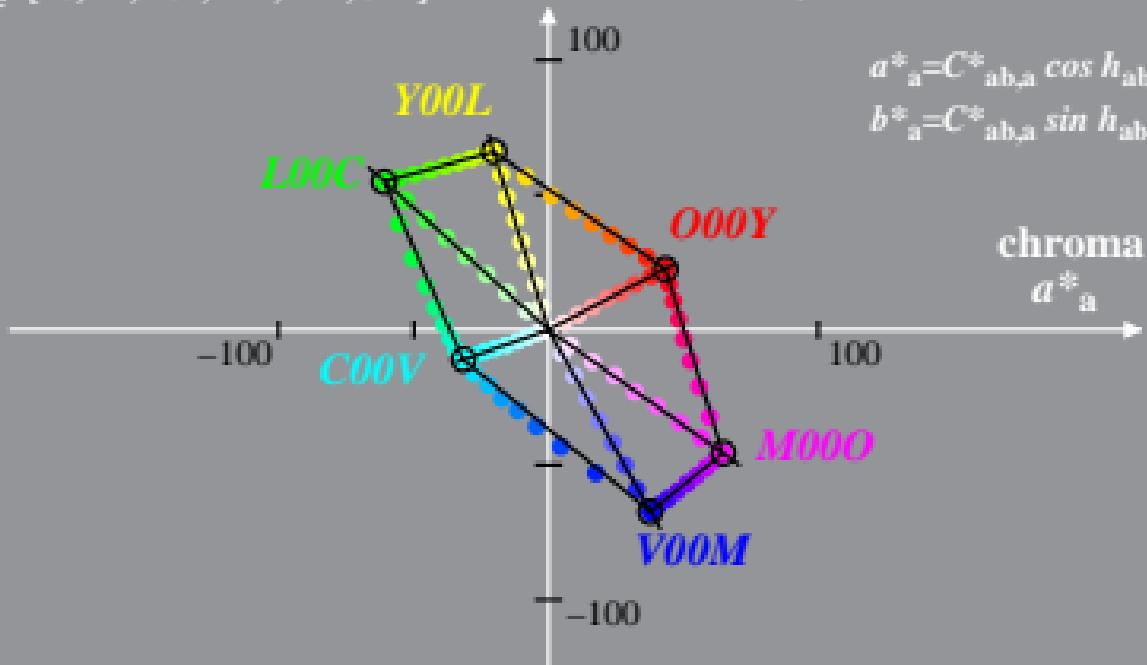
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 LE43_LECD display_1 40%_Fadin

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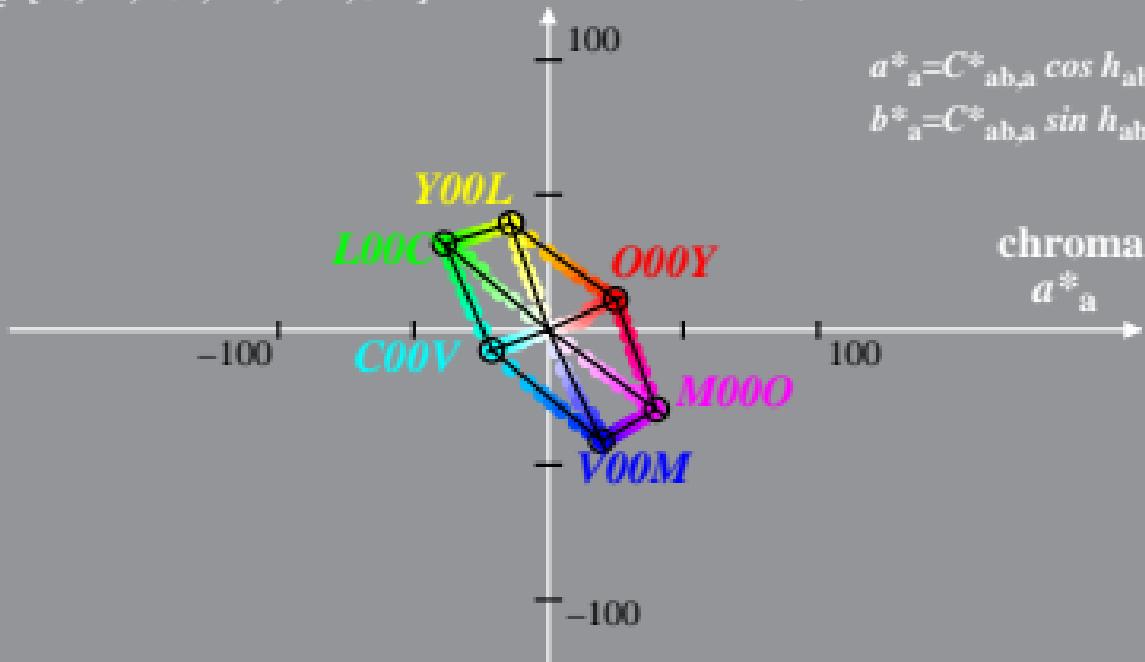
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