

Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
 System: GG85_HRS16_96_D65_00%_O0 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

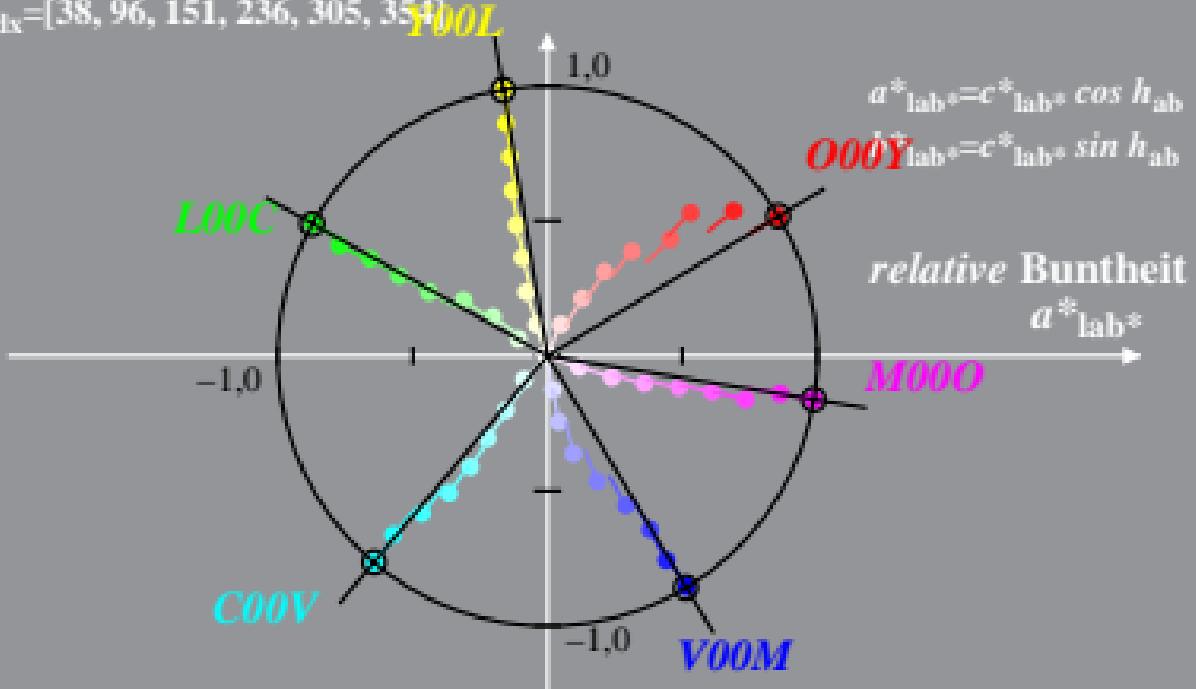
CIELAB-Buntonwinkel:

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

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

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab*} M =Maximalfarbe



$$a^*_{lab*} = c^*_{lab*} \cos h_{ab}$$

$$b^*_{lab*} = c^*_{lab*} \sin h_{ab}$$

relative Buntheit

$$a^*_{lab*}$$

$$M00O$$

Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
 System: GG85_HRS16_96_D65_00%_O1 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

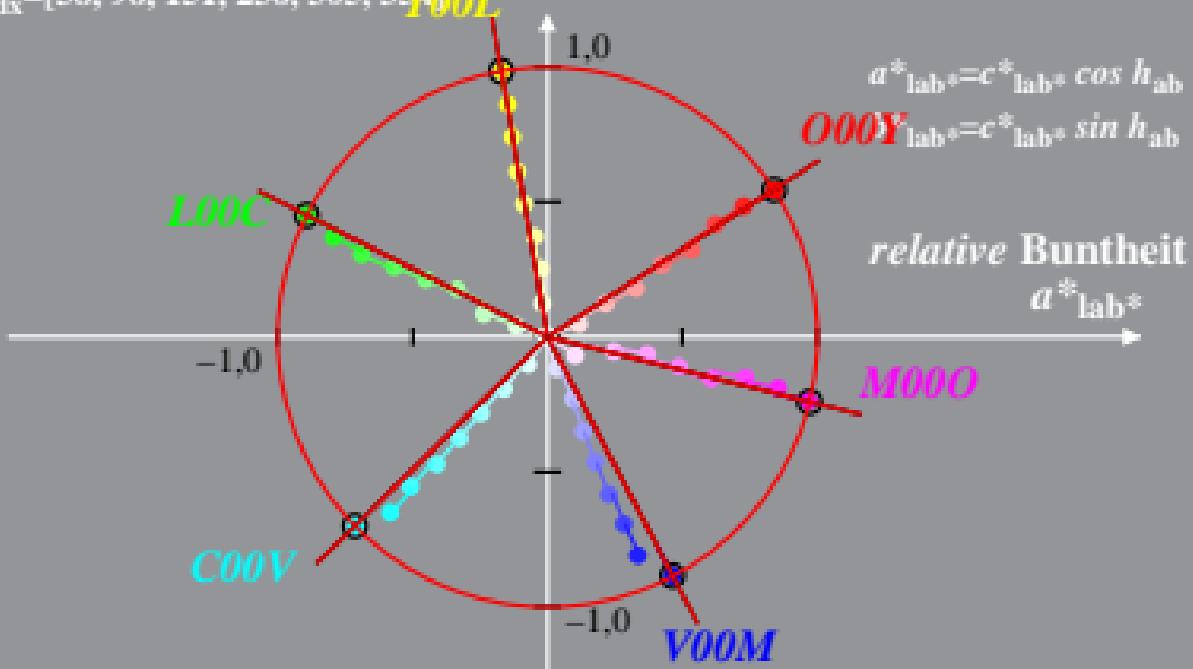
CIELAB-Buntonwinkel:

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

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

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab*} M =Maximalfarbe



$$a^*_{lab*} = c^*_{lab*} \cos h_{ab}$$

$$O00Y_{lab*} = c^*_{lab*} \sin h_{ab}$$

relative Buntheit

$$a^*_{lab*}$$

M000

Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
 System: GG85_HRS16_96_D65_25%_O0 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

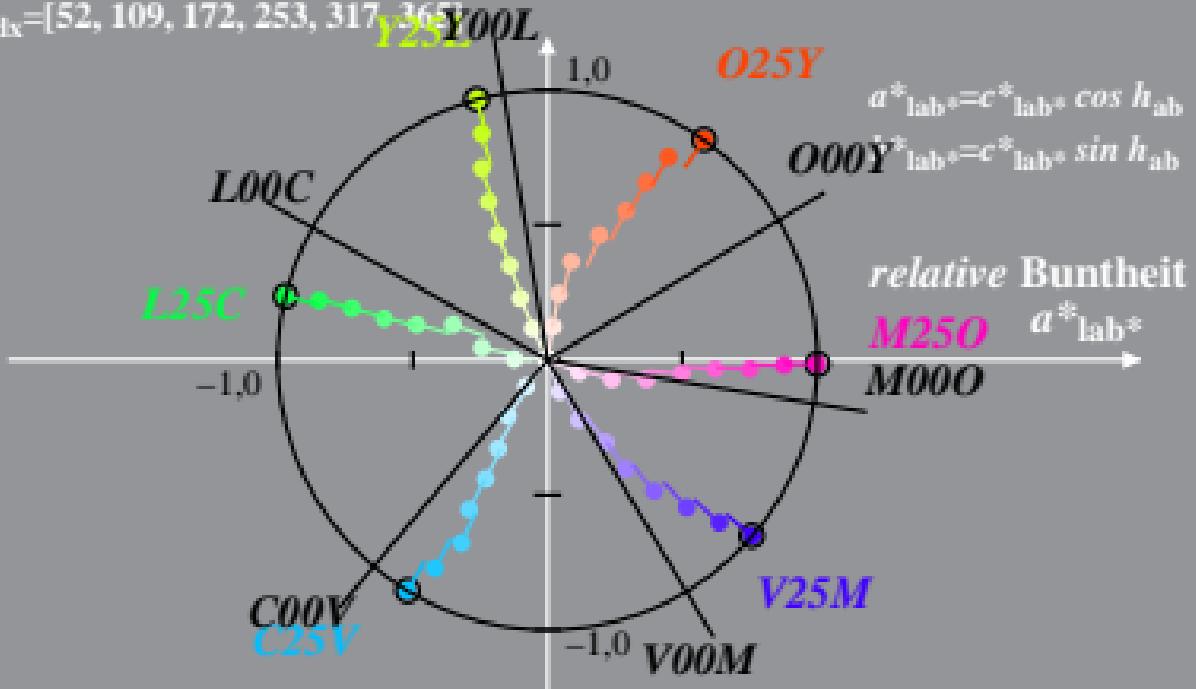
CIELAB-Buntonwinkel:

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

$$h_{ab,dx} = [52, 109, 172, 253, 317, 367]$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab*} M =Maximalfarbe



Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
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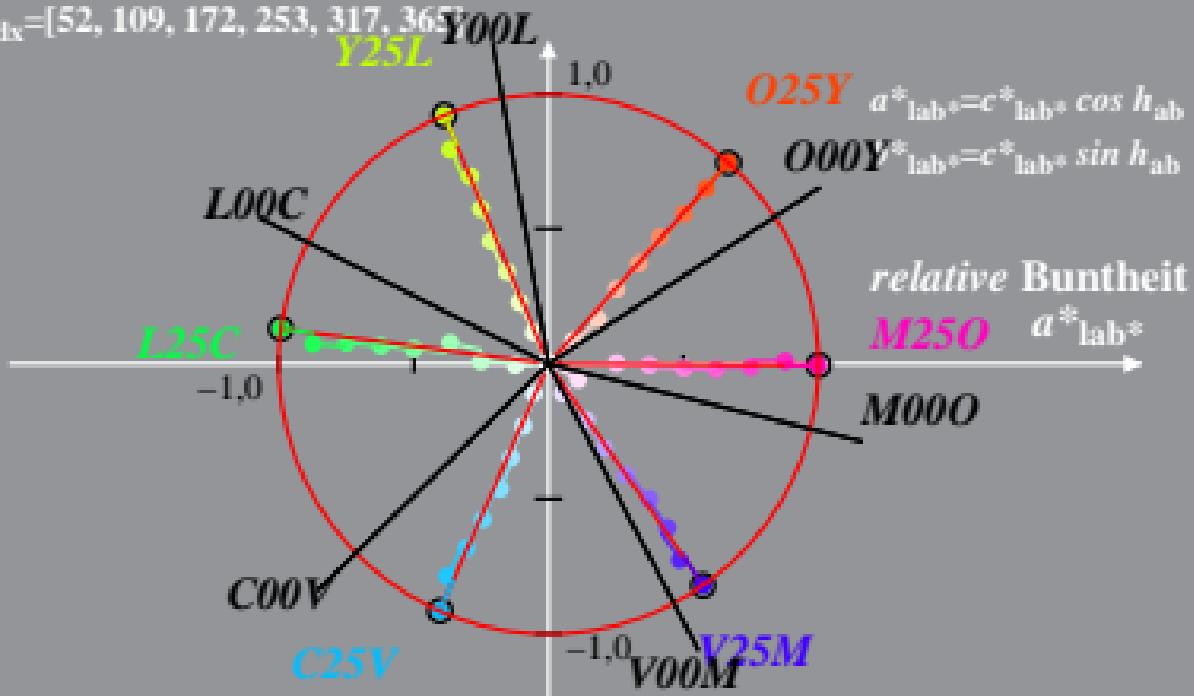
CIELAB-Buntonwinkel:

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

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

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab*} M =Maximalfarbe



Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
 System: GG85_HRS16_96_D65_50%_O0 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

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

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

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

$$b^*_{lab*} \quad M = \text{Maximalfarbe}$$

$Y00L$ $O50Y$

$Y50L$

$L00C$

$L50C$

$C00V$

$C50V$

1,0

-1,0

$$a^*_{lab*} = c^*_{lab*} \cos h_{ab}$$

$$O00Y^*_{lab*} = c^*_{lab*} \sin h_{ab}$$

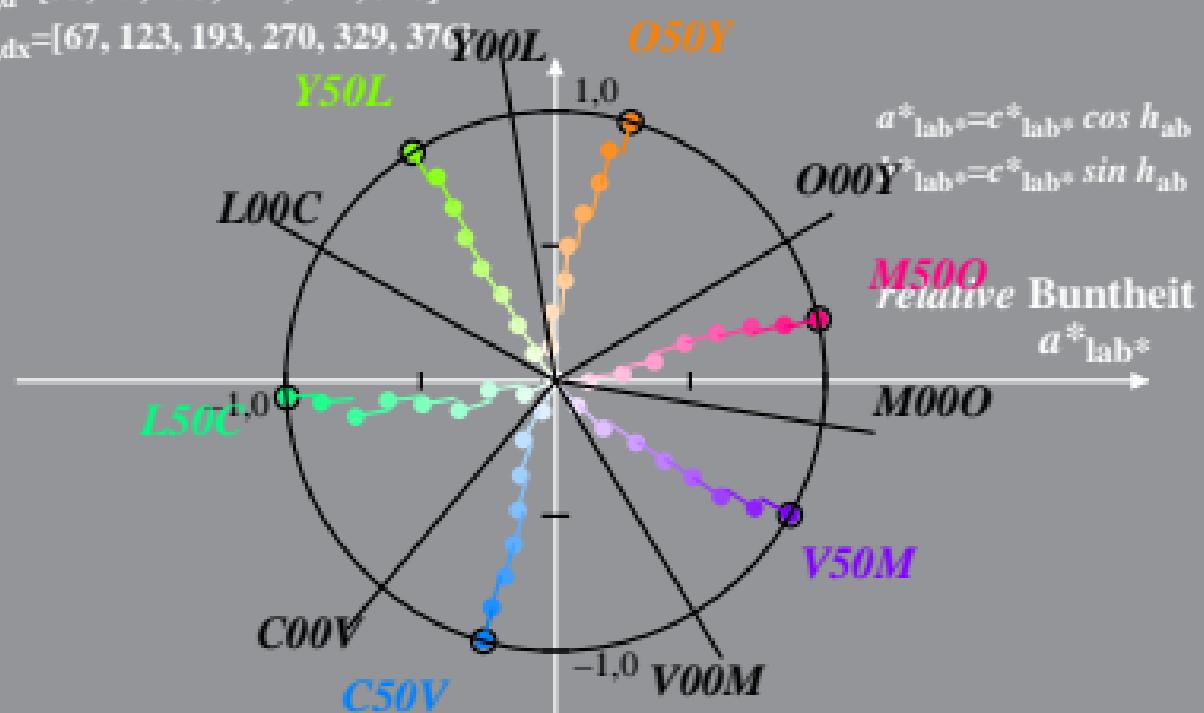
$M50O$ relative Buntheit

$$a^*_{lab*}$$

$M000$

$V50M$

$V00M$



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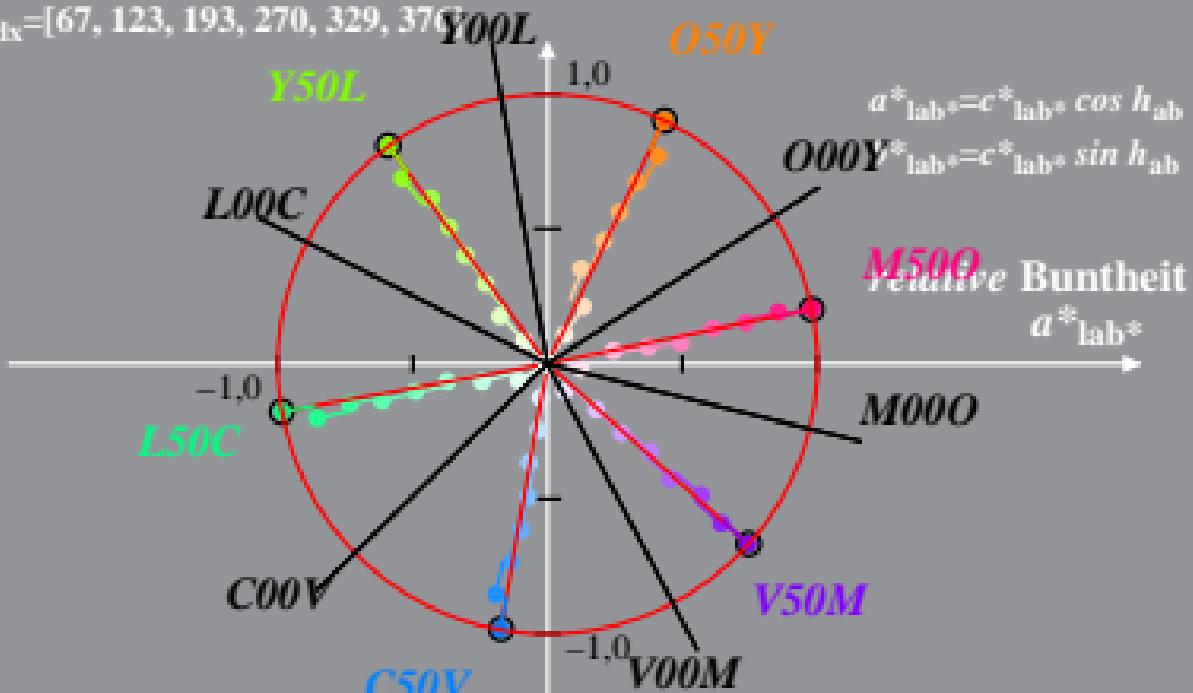
CIELAB-Buntonwinkel:

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

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b^*_{lab*} M =Maximalfarbe



Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
 System: GG85_HRS16_96_D65_75%_O0 $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

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

$$h_{ab,dx} = [81, 137, 214, 287, 341, 387]$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab*} M =Maximalfarbe

$Y00L$ **O75Y**

Y75L

L00C

O00Y $Y^*_{lab*} = c^*_{lab*} \sin h_{ab}$

M75O

relative Buntheit

a^*_{lab*}

M000

V75M

-1,0

1,0

-1,0

L75C

C00V

C75V

V00M

Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab*} , l^*_{lab*})
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CIELAB-Buntonwinkel:

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

$$h_{ab,dx} = [81, 137, 214, 287, 341, 387]$$

$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

$$b^*_{lab*} \quad M = \text{Maximalfarbe}$$

$Y00L$ $O75Y$

$Y75L$

$L00C$

$O00Y$

$M75O$

relative Buntheit

a^*_{lab*}

$M00O$

$V75M$

$L75C$

$C00V$

$C75V$ $V00M$

$$a^*_{lab*} = c^*_{lab*} \cos h_{ab}$$

$$c^*_{lab*} = c^*_{lab*} \sin h_{ab}$$

