

Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG86_HRS16_96_D65_00%_O0 $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$

Ergebnis: $c^*_{olv^*} = c^*_{lab^*}$; $l^*_{olv^*} = l^*_{lab^*}$ $n^* = 1 - \max(olv^*) = 1 - i^*$

CIELAB-Buntonwinkel:

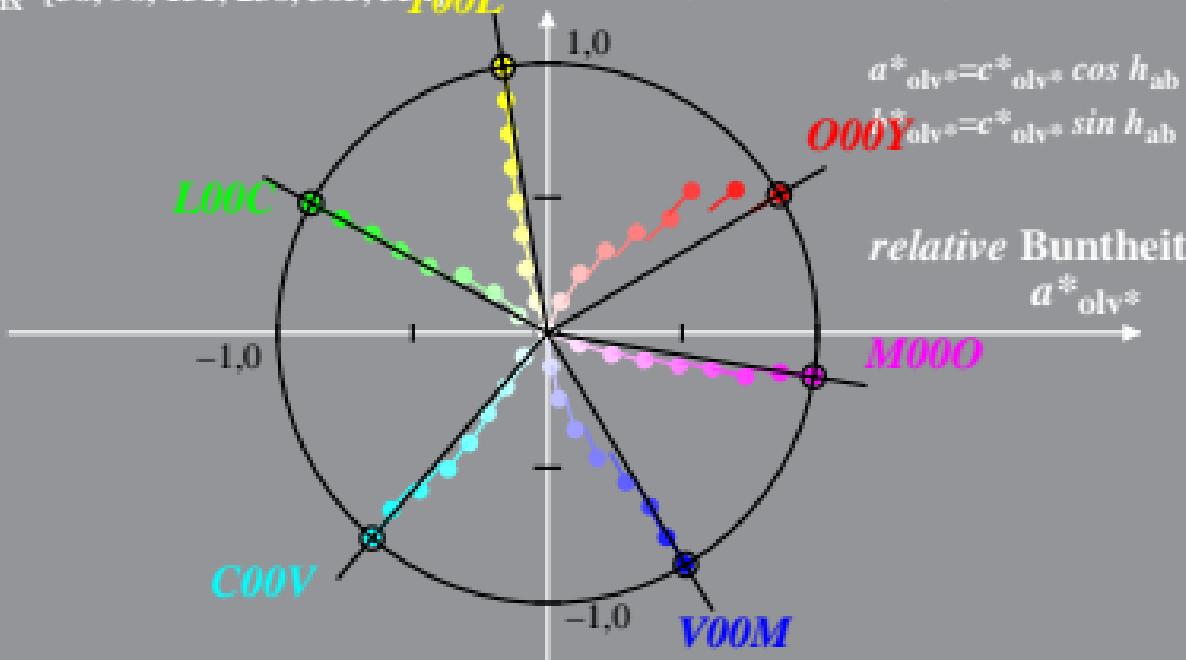
$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

$$h_{ab,d} = [32, 99, 151, 227, 296, 348]$$

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

Y00L

$$l^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$



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

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

relative Buntheit

$$a^*_{olv^*}$$

$$M000$$

Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG86_HRS16_96_D65_00%_O1 $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$

Ergebnis: $c^*_{olv^*} = c^*_{lab^*}; l^*_{olv^*} = l^*_{lab^*}$ $n^* = 1 - \max(olv^*) = 1 - i^*$

CIELAB-Buntonwinkel:

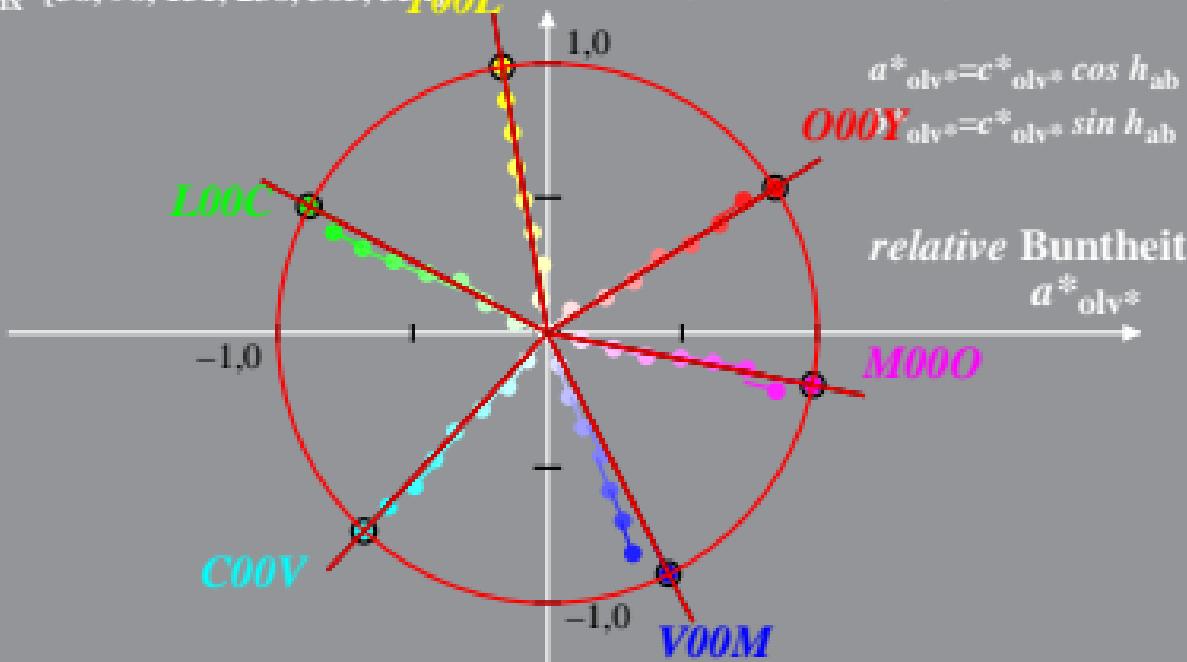
$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

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Y00L

$$l^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$



Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG86_HRS16_96_D65_25%_O0

$$c^*_{olv^*} = \max(olv^*) - \min(olv^*)$$

Ergebnis: $c^*_{olv^*} = c^*_{lab^*}; l^*_{olv^*} = l^*_{lab^*}$

$$n^* = 1 - \max(olv^*) = 1 - i^*$$

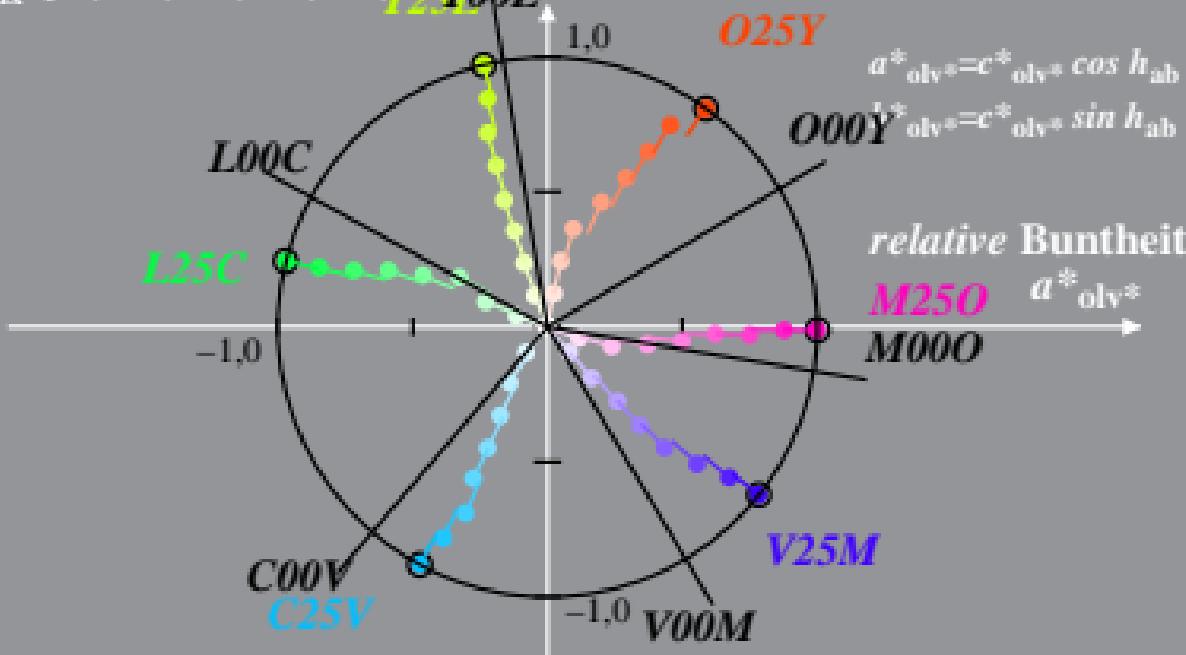
CIELAB-Buntonwinkel:

$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

$$h_{ab,d} = [32, 99, 151, 227, 296, 348]$$

$$h_{ab,dx} = [52, 109, 172, 253, 317, 365] \text{ Y25Y00L}$$

$$l^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$



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

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

relative Buntheit

$$M25O \quad a^*_{olv^*}$$

$$M00O$$

Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG86_HRS16_96_D65_25%_O1 $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$

Ergebnis: $c^*_{olv^*} = c^*_{lab^*}; l^*_{olv^*} = l^*_{lab^*}$ $n^* = 1 - \max(olv^*) = 1 - i^*$

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 99, 151, 227, 296, 348]$$

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

$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

$$l^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$

$Y25L$

$Y00L$

$O25Y$

$O00Y^*$

$L00C$

$L25C$

$M25O$

$M00O$

$C00V$

$C25V$

$V00M$

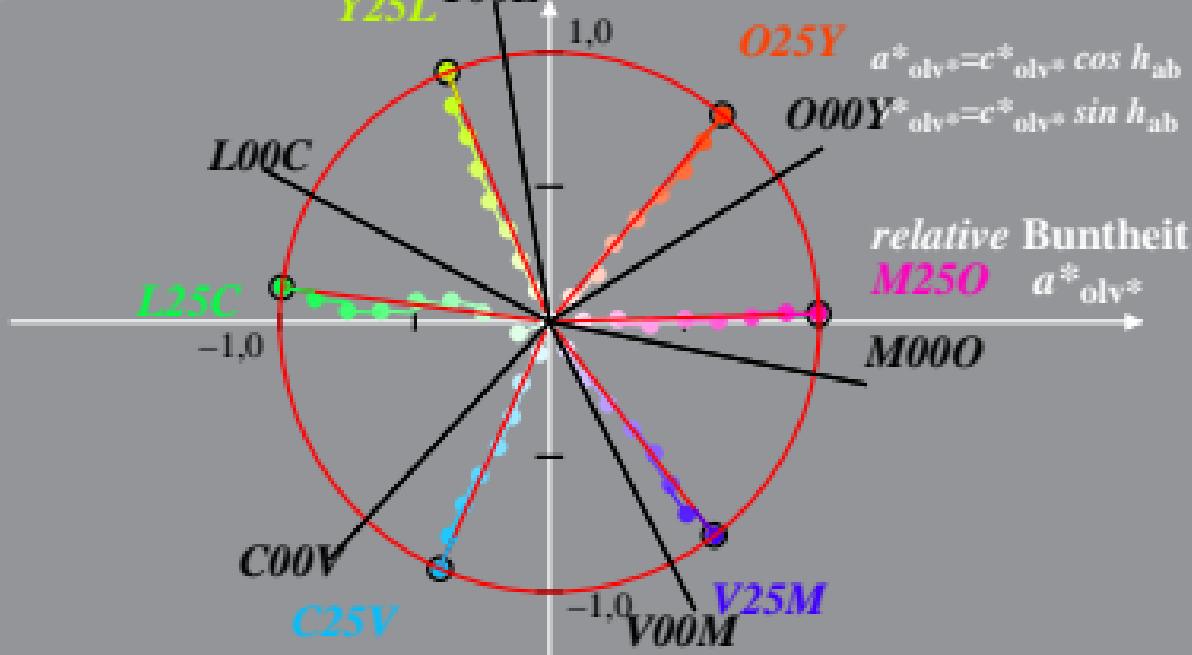
$V25M$

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

$$M25O \quad a^*_{olv^*}$$

relative Buntheit

$$M00O \quad a^*_{olv^*}$$



Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG86_HRS16_96_D65_50%_O0 $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$

Ergebnis: $c^*_{olv^*} = c^*_{lab^*}; f^*_{olv^*} = f^*_{lab^*}$ $n^* = 1 - \max(olv^*) = 1 - i^*$

CIELAB-Buntonwinkel:

$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

$$h_{ab,d} = [32, 99, 151, 227, 296, 348]$$

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

$$O50Y^* = w^* + 0,5 c^*_{olv^*}$$

$$Y00L$$

$$Y50L$$

$$1,0$$

$$L00C$$

$$O00Y^*$$

$$M50O$$

$$M000$$

$$V50M$$

$$L50C$$

$$a^*_{olv^*}$$

$$C00V$$

$$C50V$$

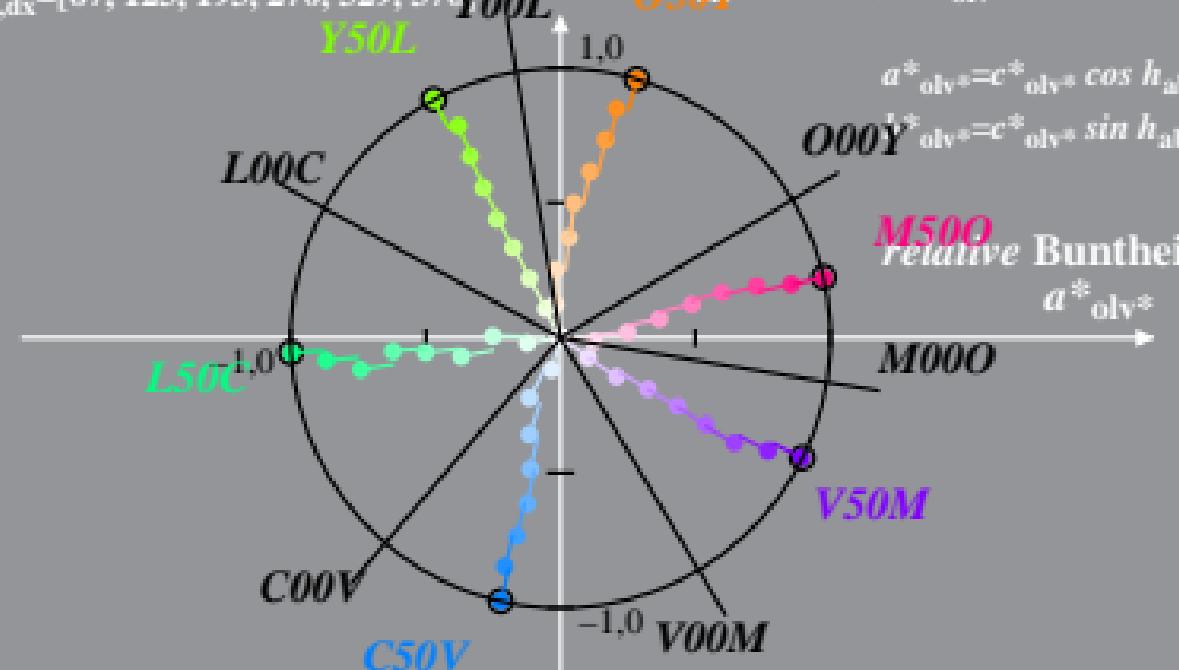
$$V00M$$

$$-1,0$$

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

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

relative Buntheit



Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG86_HRS16_96_D65_50%_O1

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CIELAB-Buntonwinkel:

$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

$$h_{ab,d} = [32, 99, 151, 227, 296, 348]$$

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

$Y00L$

1,0

$Y50L$

$L00C$

-1,0

$L50C$

$C00V$

$C50V$

$O00Y$

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

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

$M500$

Relative Buntheit

$$a^*_{olv^*}$$

$M000$

$V50M$

$V00M$

Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG86_HRS16_96_D65_75%_O0 $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$

Ergebnis: $c^*_{olv^*} = c^*_{lab^*}; l^*_{olv^*} = l^*_{lab^*}$ $n^* = 1 - \max(olv^*) = 1 - i^*$

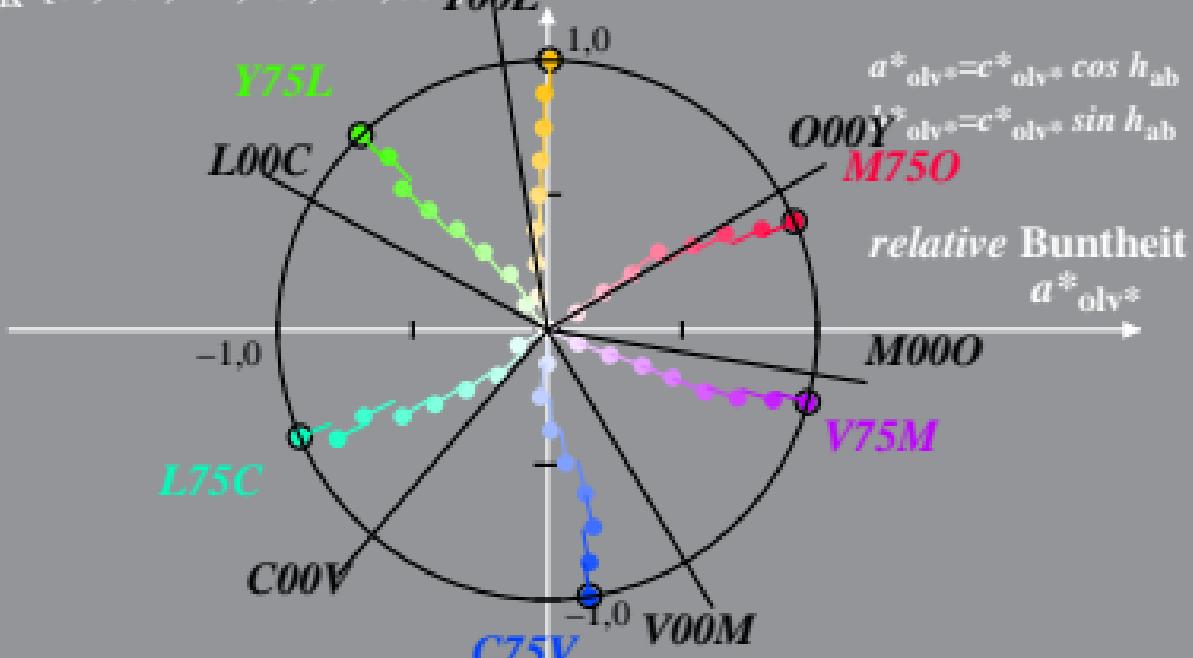
CIELAB-Buntonwinkel:

$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

$$h_{ab,d} = [32, 99, 151, 227, 296, 348]$$

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

$$Y00L \text{ orange } O75Y \text{ yellow } l^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$



Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

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CIELAB-Buntonwinkel:

$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

$$h_{ab,d} = [32, 99, 151, 227, 296, 348]$$

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