

Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*)
 System: GG87_FRS09_92_D65_00%_O0

CIELAB-Buntonwinkel:

$h_{ab,d}=[34, 92, 143, 226, 312, 337]$

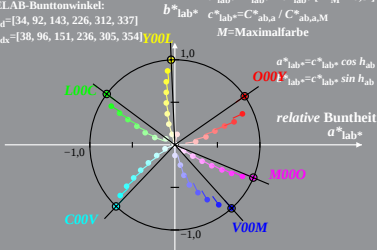
$h_{ab,dx}=[38, 96, 151, 236, 305, 354]$ **Y00L**

$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

$$t^*_{lab*} = l^*_{lab*} - c^*_{lab*} [l^*_M - 0,5]$$

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

M=Maximalfarbe



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , t^*)
 System: GG87_FRS09_92_D65_00%_O1

CIELAB-Buntonwinkel:

$h_{ab,d} = [34, 92, 143, 226, 312, 337]$

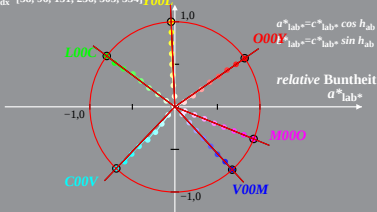
$h_{ab,dx} = [38, 96, 151, 236, 305, 354]$ **Y00L**

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

M=Maximalfarbe



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*)
 System: GG87_FRS09_92_D65_25%_O0

CIELAB-Bunttonwinkel:

$h_{ab,d}=[34, 92, 143, 226, 312, 337]$

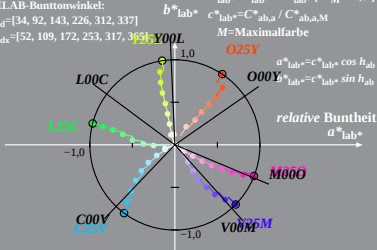
$h_{ab,dx}=[52, 109, 172, 253, 317, 365]$

$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

$$t^*_{lab*} = l^*_{lab*} - c^*_{lab*} [l^*_M - 0,5]$$

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

M=Maximalfarbe



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , t^*)
 System: GG87_FRS09_92_D65_25%_O1

CIELAB-Buntonwinkel:

$h_{ab,d} = [34, 92, 143, 226, 312, 337]$

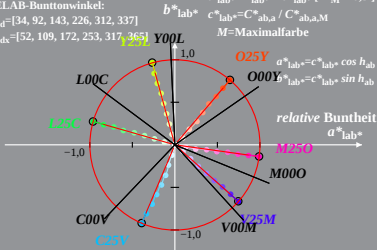
$h_{ab,dx} = [52, 109, 172, 253, 317, 365]$

$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

$$t^*_{lab*} = l^*_{lab*} - c^*_{lab*} [l^*_M - 0,5]$$

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

M=Maximalfarbe



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , t^*)
 System: GG87_FRS09_92_D65_50%_O0

$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

$$t^*_{lab*} = l^*_{lab*} - c^*_{lab*} [l^*_M - 0,5]$$

CIELAB-Buntonwinkel:

$$h_{ab,d} = [34, 92, 143, 226, 312, 337]$$

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

b^*_{lab*}

M=Maximalfarbe

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

Y50L

Y00L

O50Y

L00C

O00Y

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

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

relative Buntheit

a^*_{lab*}

L50C

M50O

M00O

C00V

V00M

V50M

C50V

Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , t^*)
 System: GG87_FRS09_92_D65_50%_O1

CIELAB-Bunttonwinkel:

$h_{ab,d} = [34, 92, 143, 226, 312, 337]$

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

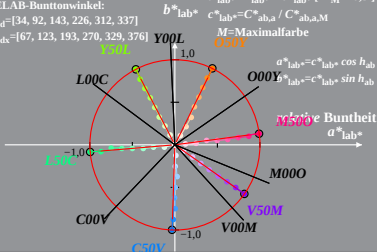
$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

$$t^*_{lab*} = l^*_{lab*} - c^*_{lab*} [l^*_M - 0,5]$$

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

M=Maximalfarbe

O50Y



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , t^*)
 System: GG87_FRS09_92_D65_75%_O0

$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

$$t^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [l^*_M - 0,5]$$

CIELAB-Buntonwinkel:

$h_{ab,d} = [34, 92, 143, 226, 312, 337]$

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

$b^*_{lab^*}$

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

M=Maximalfarbe

O75Y

Y75L

L00C

O00Y

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

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

relative Buntheit

M75O

$a^*_{lab^*}$

-1,0

L75C

C00V

M00O

V75M

V00M

C75V

Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , t^*)
 System: GG87_FRS09_92_D65_75%_O1

$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

$$t^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [l^*_M - 0,5]$$

CIELAB-Buntonwinkel:

$$h_{ab,d} = [34, 92, 143, 226, 312, 337]$$

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

$b^*_{lab^*}$

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

M = Maximalfarbe

