

Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , l^*)
 System: GG85_HRS16_96_D65_00%_O1

CIELAB-Bunttonwinkel:

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

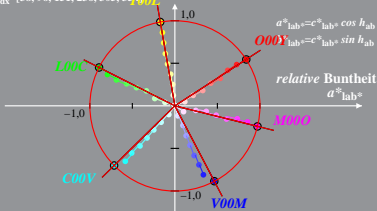
$h_{ab,dx}=[38, 96, 151, 236, 305, 354]$

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

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

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

M =Maximalfarbe



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , l^*)
 System: GG85_HRS16_96_D65_25%_O0

CIELAB-Buntonwinkel:

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

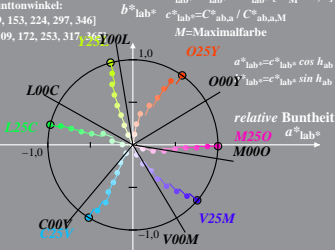
$h_{ab,dx}=[52, 109, 172, 253, 317, 365]$

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

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

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

M =Maximalfarbe



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , t^*)
 System: GG85_HRS16_96_D65_25%_OI

CIELAB-Bunttonwinkel:

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

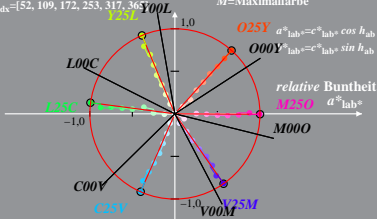
$h_{ab,dx}=[52, 109, 172, 253, 317, 365]$

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

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

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

M =Maximalfarbe



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , t^*)
 System: GG85_HRS16_96_D65_50%_OI

CIELAB-Bunttonwinkel:

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

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

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

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

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

M =Maximalfarbe

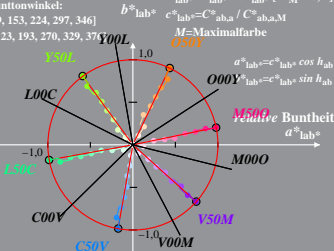
O50Y

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

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

M500 relative Buntheit

$a^*_{lab^*}$



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , l^*)
 System: GG85_HRS16_96_D65_75%_O0

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

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

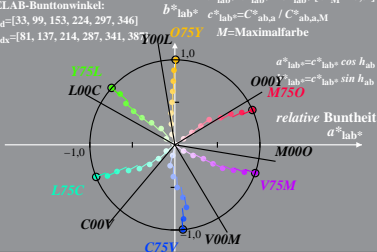
$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M =Maximalfarbe

CIELAB-Bunttonwinkel:

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

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



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , t^*)
 System: GG85_HRS16_96_D65_75%_O1

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

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

CIELAB-Bunttonwinkel:

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

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

b^*_{lab*}

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

O75YM=Maximalfarbe

