

Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , t^*)
 System: GG81_HRS27_96_D65_00%_O0

CIELAB-Buntonwinkel:

$h_{ab,d}=[33, 98, 150, 227, 301, 350]$

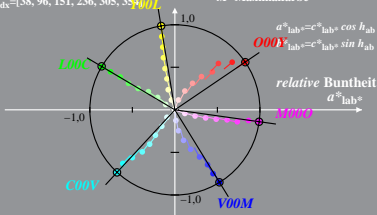
$h_{ab,dx}=[38, 96, 151, 236, 305, 354]$

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

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

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

M =Maximalfarbe



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relatives* CIELAB (c^* , t^*)
 System: GG81_HRS27_96_D65_00%_O1

CIELAB-Buntonwinkel:

$h_{ab,d}=[33, 98, 150, 227, 301, 350]$

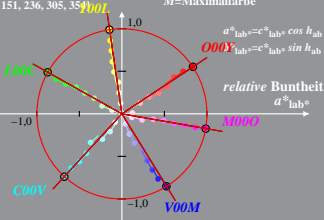
$h_{ab,dx}=[38, 96, 151, 236, 305, 354]$

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

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

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

M =Maximalfarbe



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , l^*)
 System: GG81_HRS27_96_D65_25%_O0

CIELAB-Bunttonwinkel:

$h_{ab,d}=[33, 98, 150, 227, 301, 350]$

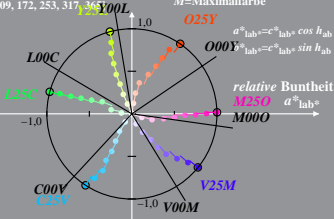
$h_{ab,dx}=[52, 109, 172, 253, 317, 365]$

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

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

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

M =Maximalfarbe



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , l^*)
 System: GG81_HRS27_96_D65_25%_O1

CIELAB-Buntonwinkel:

$h_{ab,d}=[33, 98, 150, 227, 301, 350]$

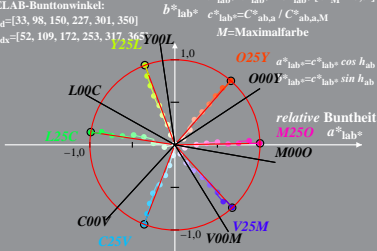
$h_{ab,dx}=[52, 109, 172, 253, 317, 365]$

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

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

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

M =Maximalfarbe



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,20}$, L^*) und *relatives* CIELAB (c^* , t^*)
 System: GG81_HRS27_96_D65_50%_01 $t^*_{ab} = -(L^*_{ref} - L^*) / (L^*_{ref} - L^*)$

CIELAB-Bunttonwinkel:

$$h_{ab,d}=[33, 98, 150, 227, 301, 350]$$
$$h_{ab,dx}=[67, 123, 193, 270, 329, 37$$

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

$$I_{ah}^* = I_{ah}^* - c_{ah}^* [I_M^* - 0,5]$$

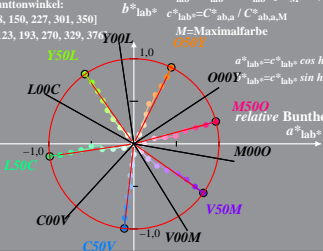
$$c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M =Maximalfarbe

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

$$\mathbf{F}^*_{lab} = c^*_{lab} \sin k_{ab}$$

M500
relative Buntheit

 d^*_{lab} 

GG811-4A, 6; cfl=0.95; nt=0.18; nx=1.0

Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^* , l^*)
 System: GG81_HRS27_96_D65_75%_O0

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

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

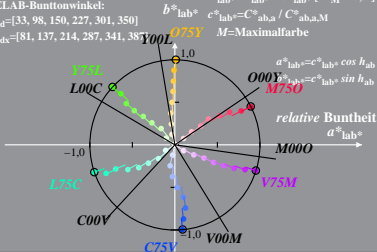
CIELAB-Bunttonwinkel:

$h_{ab,d} = [33, 98, 150, 227, 301, 350]$

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

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

M = Maximalfarbe



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*) und *relatives* CIELAB (c^* , t^*)
 System: GG81_HRS27_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:

$h_{ab,d} = [33, 98, 150, 227, 301, 350]$

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

$b^*_{lab^*}$

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

O75Y M=Maximalfarbe

