

Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relative CIELAB (c^* , t^*)
 System: GG91_HRS27_96_D65_00%_G0

CIELAB-Buntonwinkel:

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

$$h_{ab,dx}=[34, 99, 149, 227, 301, 351]$$

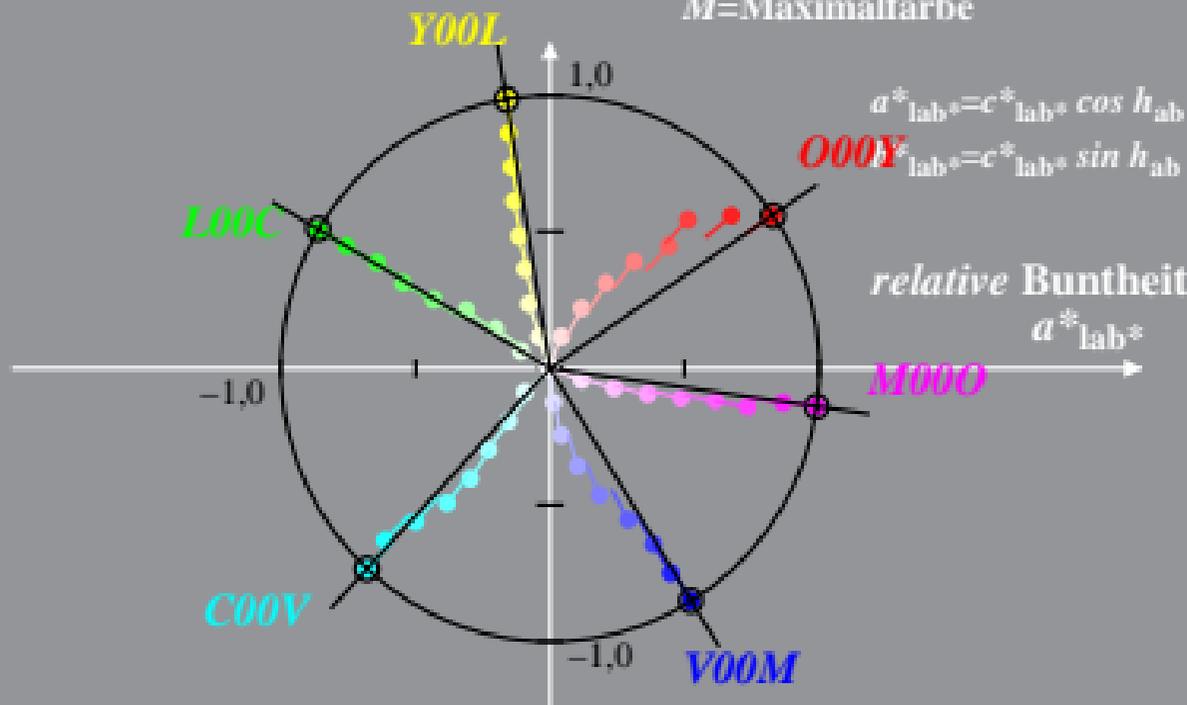
$b^*_{lab^*}$

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

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

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

M =Maximalfarbe



Beziehung *adaptiertes* (a) CIELAB ($C^*_{ab,a}, L^*$) und *relatives* CIELAB (c^*, t^*)
 System: GG91_HRS27_96_D65_00%_G1

CIELAB-Buntonwinkel:

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

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

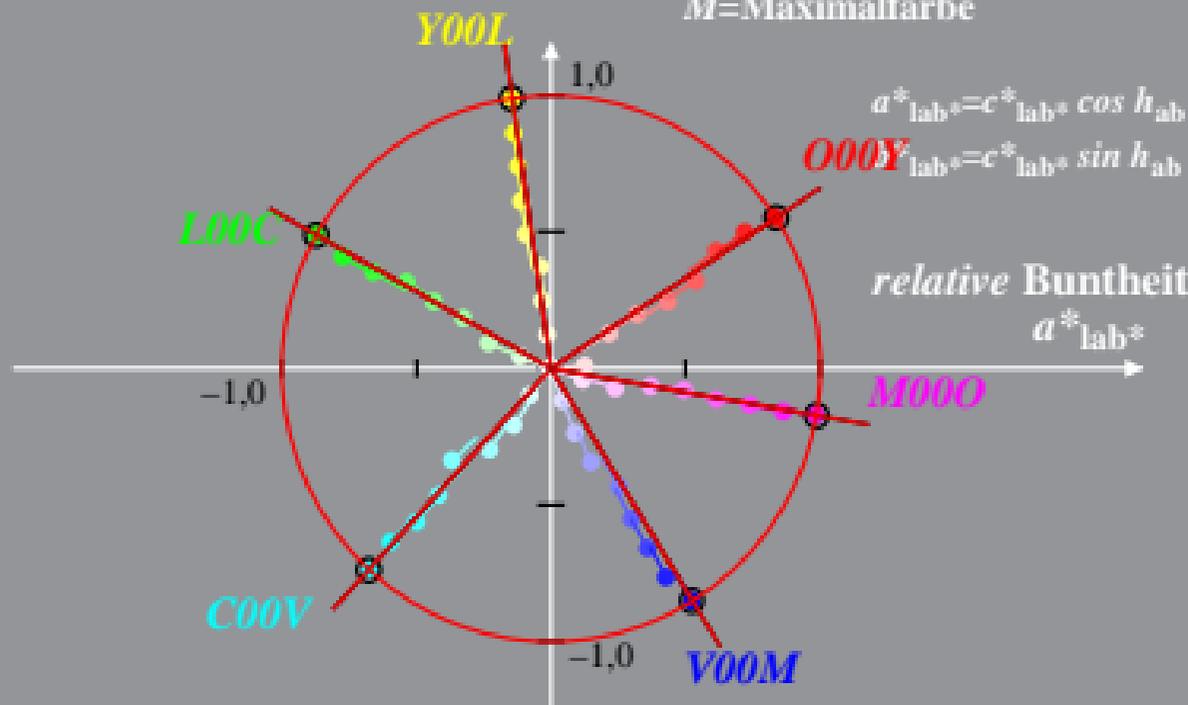
$$b^*_{lab^*}$$

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

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

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

M=Maximalfarbe



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

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

relative Buntheit

$a^*_{lab^*}$