

Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG84_HRS16_96_D65_00%_O0

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

CIELAB-Buntonwinkel:

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

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

$$h_{ab,ex} = [26, 92, 162, 217, 272, 329]$$

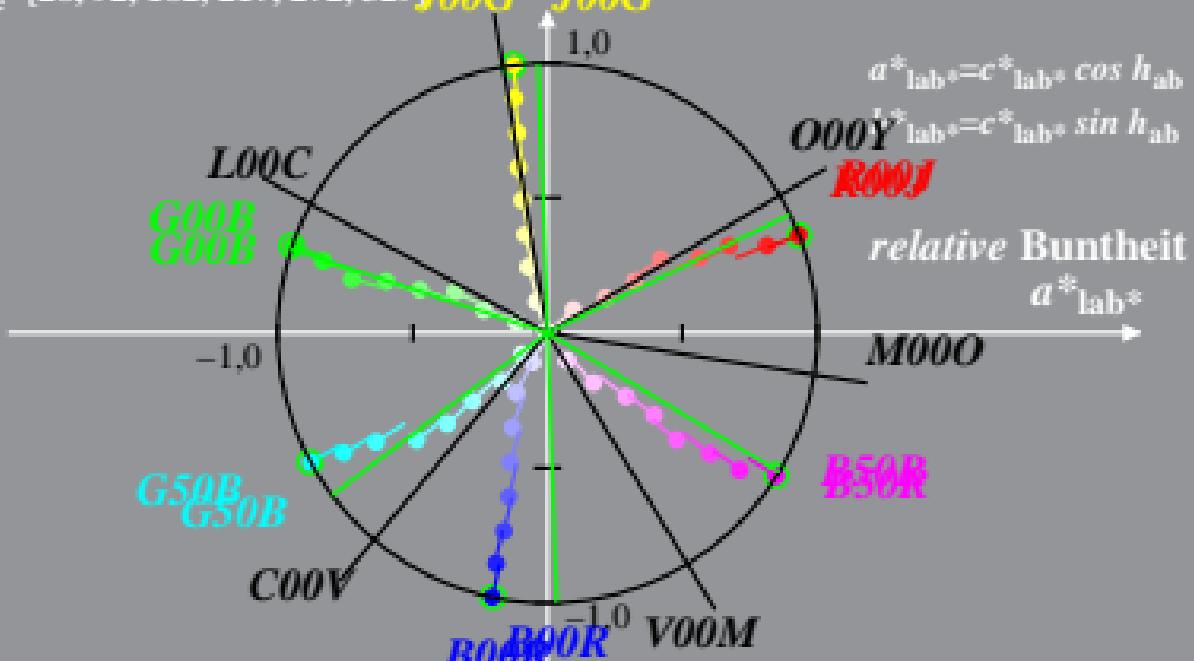
$$b^*_{lab^*}$$

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

$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

$$J00G$$

M =Maximalfarbe



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG84_HRS16_96_D65_00%_01

CIELAB-Buntonwinkel:

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,ex} = [26, 92, 162, 217, 272, 329]$$

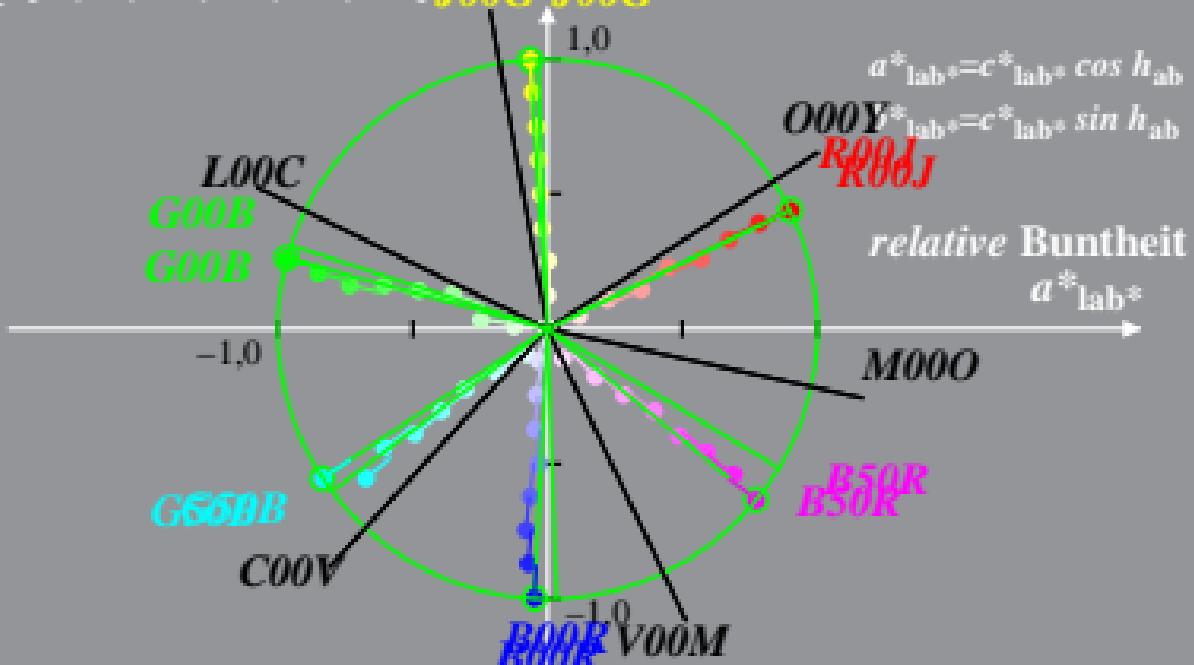
$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

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

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

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

M =Maximalfarbe



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG84_HRS16_96_D65_25%_O0

CIELAB-Buntonwinkel:

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,ex} = [42, 109, 175, 230, 286, 343]$$

$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

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

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

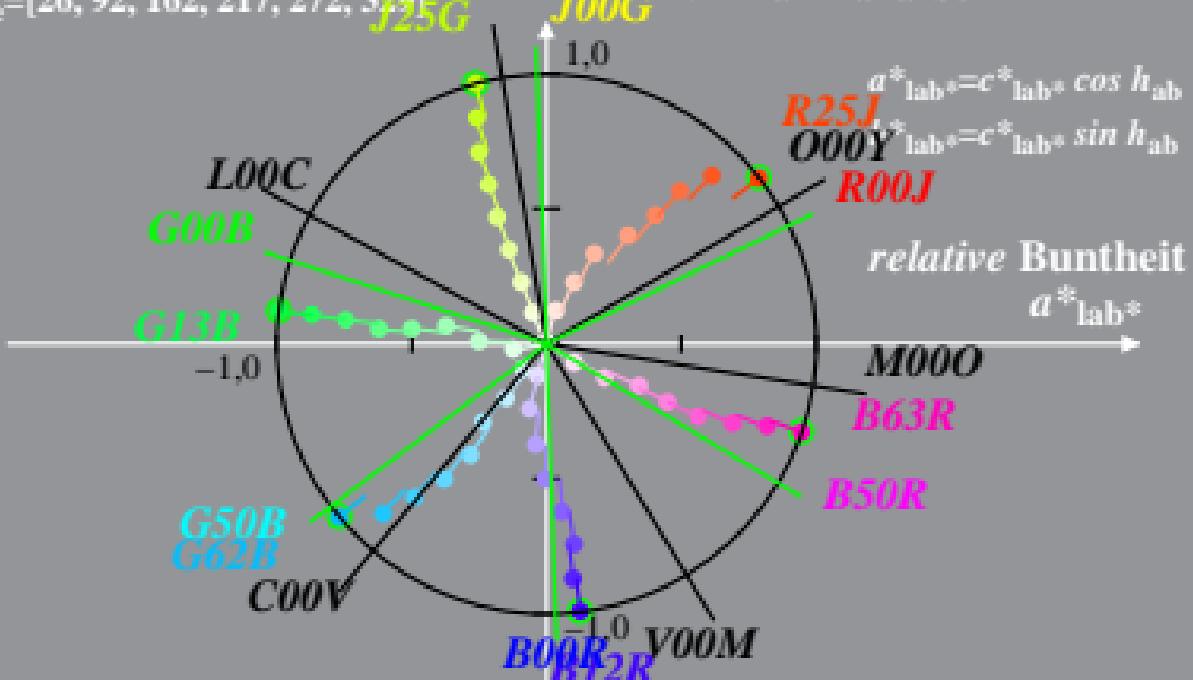
$$t^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [l^*_M - 0,5]$$

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

$Y00L$

M =Maximalfarbe

$J25G$ $J00G$



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

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

$R25J$

$O00Y$

$R00J$

relative Buntheit

$a^*_{lab^*}$

$M000$

$a^*_{lab^*}$

$B63R$

$B50R$

Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG84_HRS16_96_D65_25%_O1

CIELAB-Buntonwinkel:

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,ex} = [42, 109, 175, 230, 286, 345]$$

$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

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

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

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

$Y00L$

$J25G$

$J00G$

M =Maximalfarbe

$$R25J \quad a^*_{lab*} = c^*_{lab*} \cos h_{ab}$$

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

$R00J$

relative Buntheit

a^*_{lab*}

$M000$

$B63R$

$B50R$

$L00C$

$G00B$

$G13P$

$G50B$

$GC00V$

$B00R$

$B12R$

Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , l^*) System: HG84_HRS16_96_D65_50%_O0

CIELAB-Buntonwinkel:

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,ex} = [59, 127, 189, 244, 300, 357]$$

$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

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

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

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

$Y00L$

M =Maximalfarbe

$J00G$

$R50J$

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

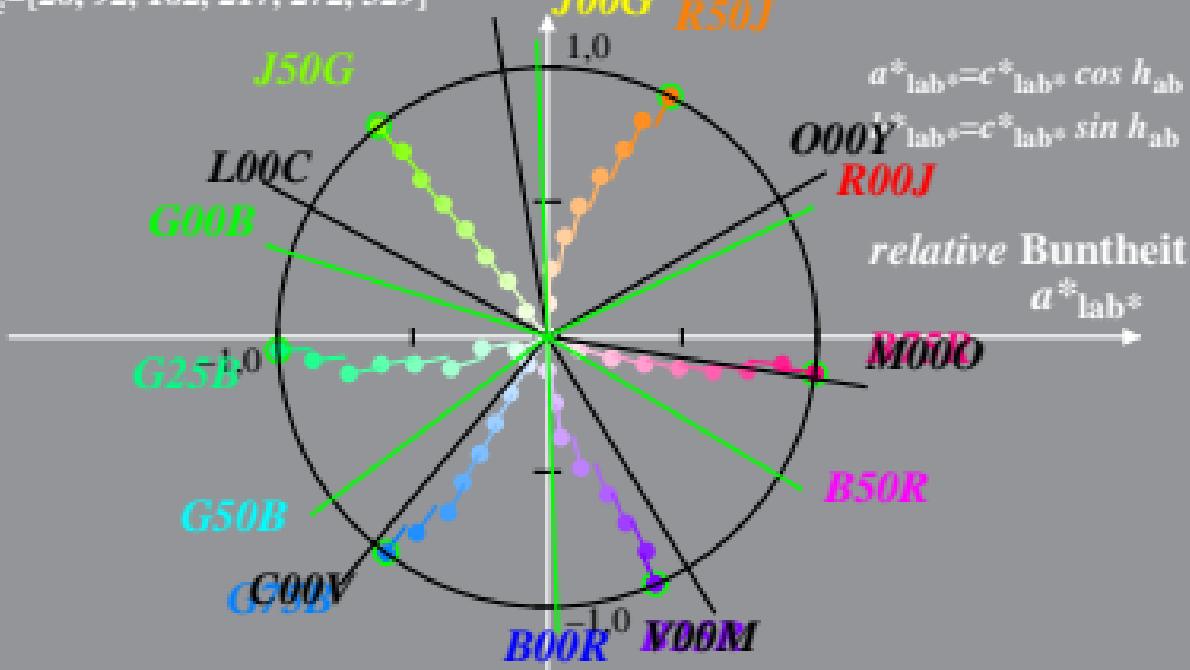
$$Y^*_{lab^*} = c^*_{lab^*} \sin h_{ab}$$

$R00J$

relative Buntheit

$$a^*_{lab^*}$$

$M00D$



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG84_HRS16_96_D65_50%_O1 $t^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,ex} = [59, 127, 189, 244, 300, 357] \quad Y00L$$

$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

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

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

M =Maximalfarbe

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

$$000Y^*_{lab*} = c^*_{lab*} \sin h_{ab}$$

$R00J$

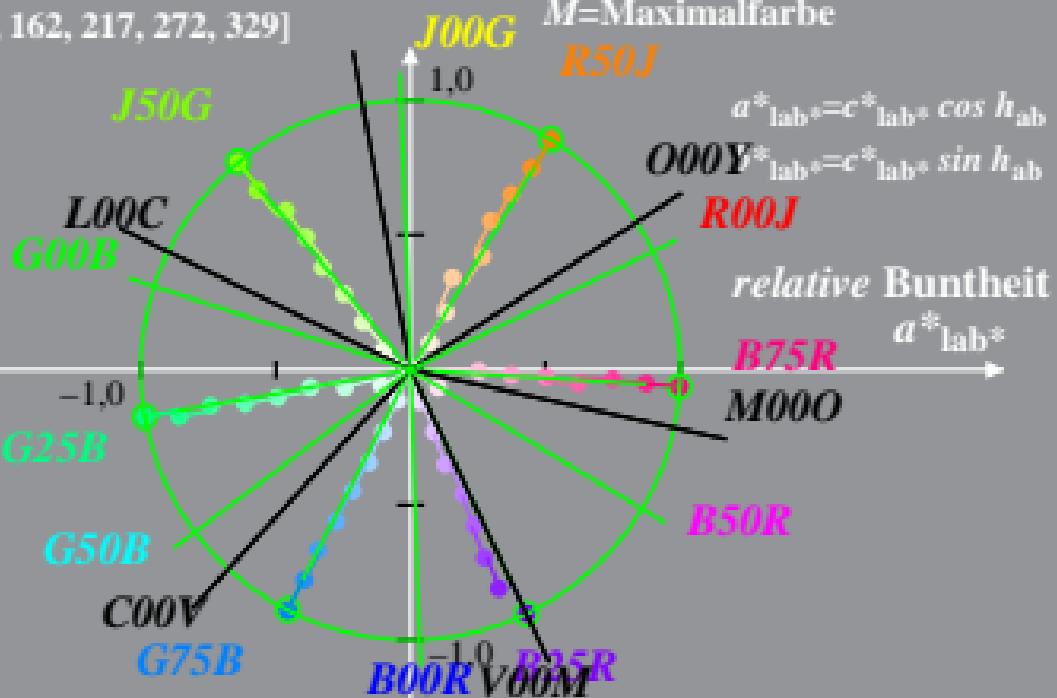
relative Buntheit

$B75R$

$$a^*_{lab*}$$

$M000$

$B50R$



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG84_HRS16_96_D65_75%_O0

CIELAB-Buntonwinkel:

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,ex} = [75, 144, 203, 258, 314, 371]$$

$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

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

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

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

$Y00L$

$J00G$ M =Maximalfarbe

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

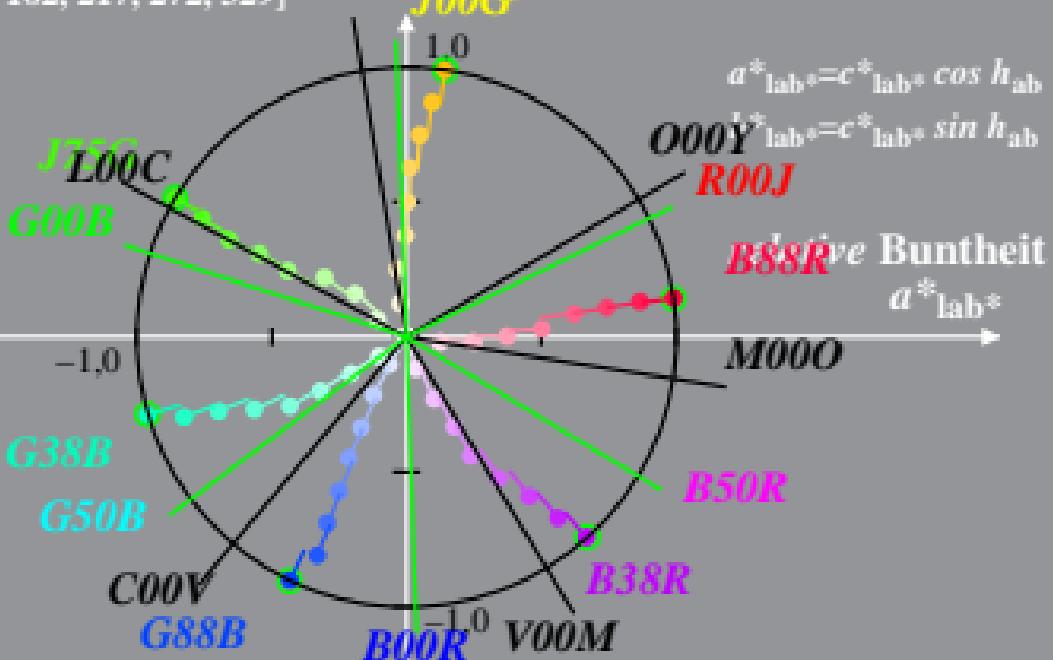
$$Y^*_{lab*} = c^*_{lab*} \sin h_{ab}$$

$R00J$

$B88R$ ive Buntheit

$$a^*_{lab*}$$

$M000$



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG84_HRS16_96_D65_75%_O1

CIELAB-Buntonwinkel:

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,ex} = [75, 144, 203, 258, 314, 371]$$

$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

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

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

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

$Y00L$

$J00G75Y$

$M=Maximalfarbe$

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

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

$R00J$

$B88R$

relative Buntheit

$$a^*_{lab^*}$$

$M000$

$B50R$

