

Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG83_HRS16_96_D65_00%_O0

CIELAB-Buntonwinkel:

$$h_{ab,d} = [34, 99, 152, 232, 299, 349]$$

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

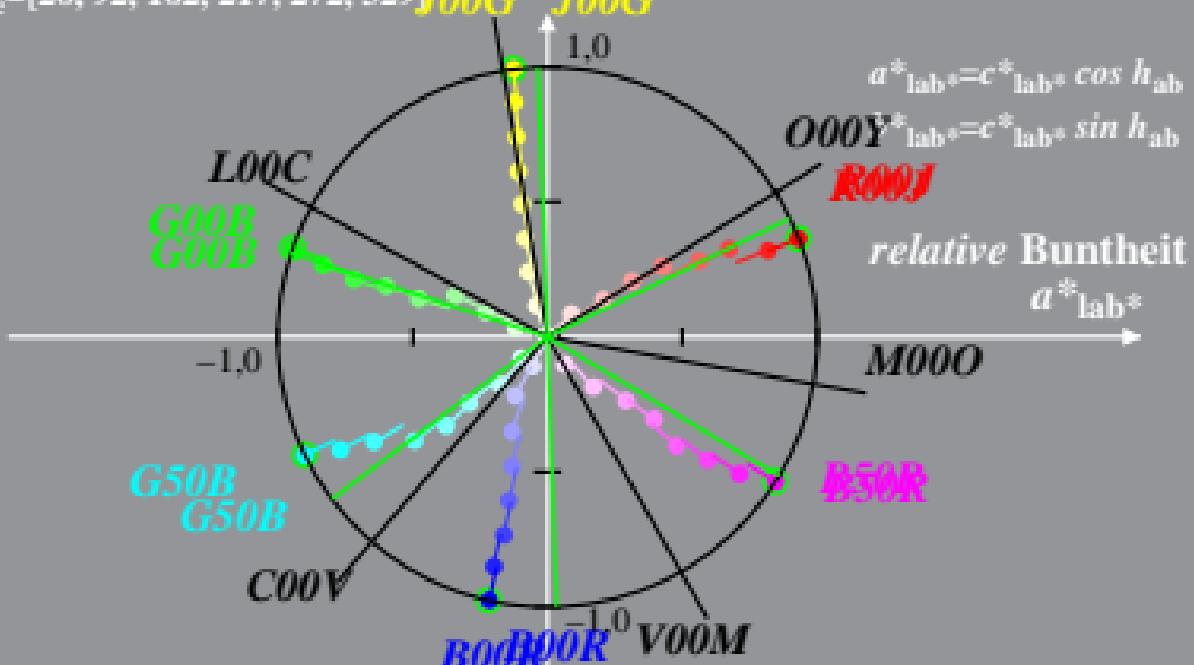
$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

$b^*_{lab^*}$

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

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

M =Maximalfarbe



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG83_HRS16_96_D65_00%_01

CIELAB-Buntonwinkel:

$$h_{ab,d} = [34, 99, 152, 232, 299, 349]$$

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

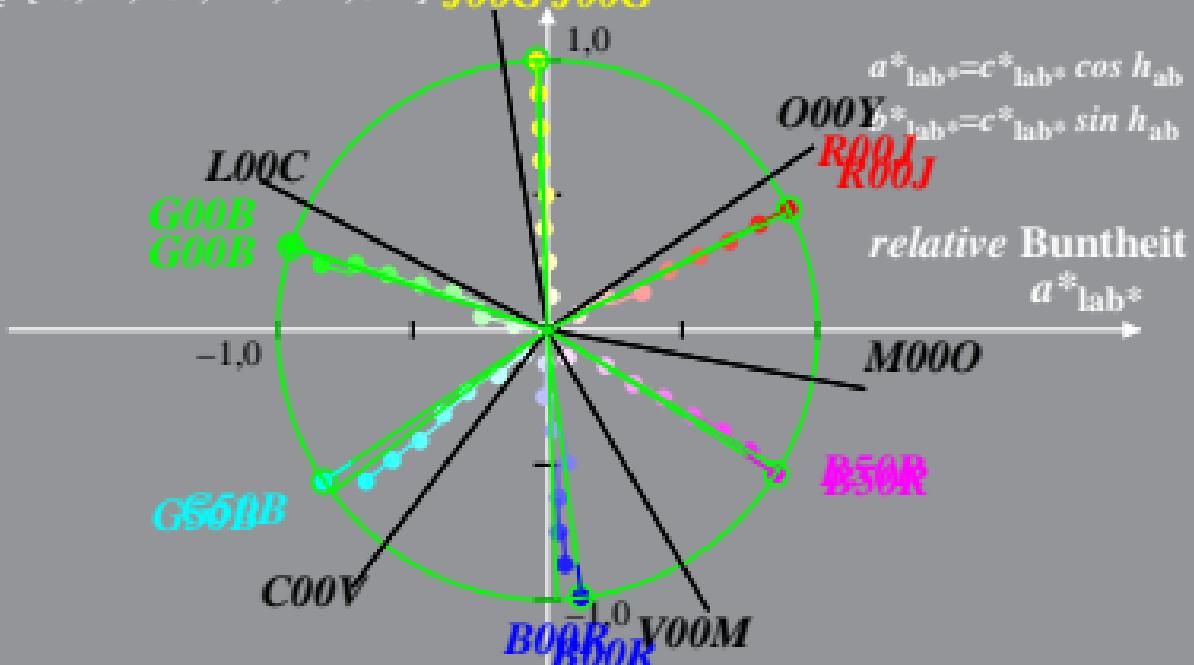
$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

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

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

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

M =Maximalfarbe



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG83_HRS16_96_D65_25%_O0

CIELAB-Buntonwinkel:

$$h_{ab,d} = [34, 99, 152, 232, 299, 349]$$

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

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

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

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

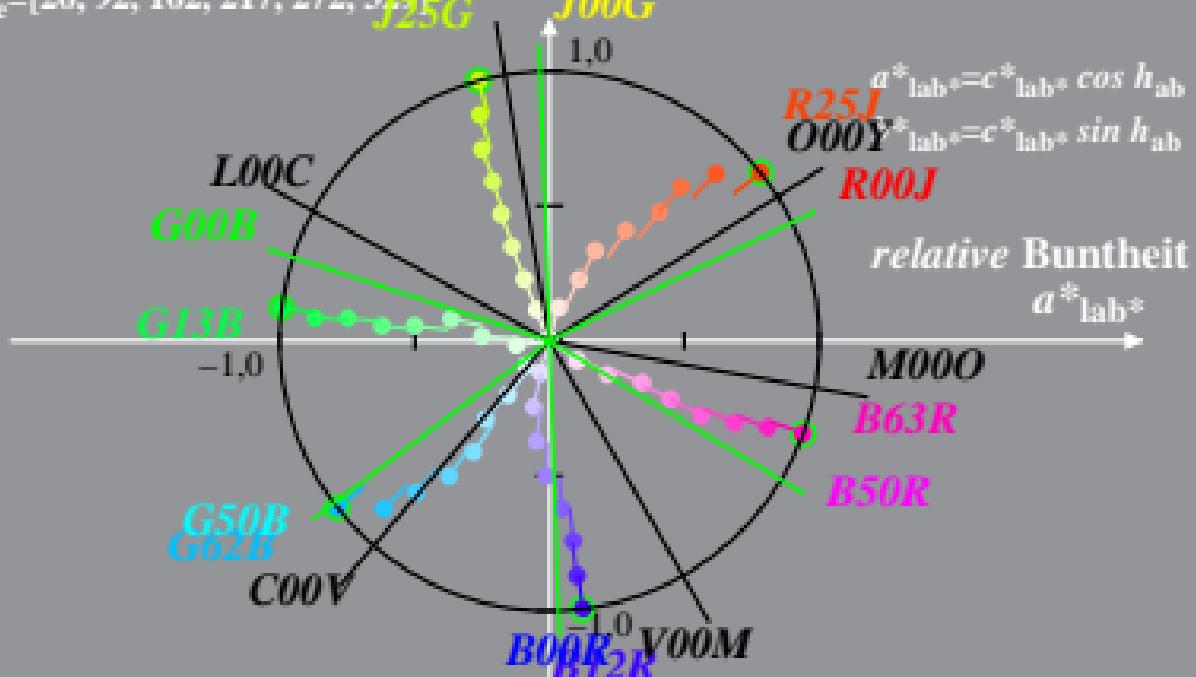
$$c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$$

$Y00L$

$J25G$

$J00G$

M =Maximalfarbe



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG83_HRS16_96_D65_25%_O1

CIELAB-Buntonwinkel:

$$h_{ab,d} = [34, 99, 152, 232, 299, 349]$$

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

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

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

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

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

M =Maximalfarbe

$J00L$

$J25G$

$J00G$

$L00C$

$G00B$

$G13R$

$G50B$

$G00V$

$B00RB$

$Y90M$

$R25J$

$O00Y$

b^*_{lab*}

c^*_{lab*}

a^*_{lab*}

s^*_{lab*}

h_{ab}

$R00J$

$relative$

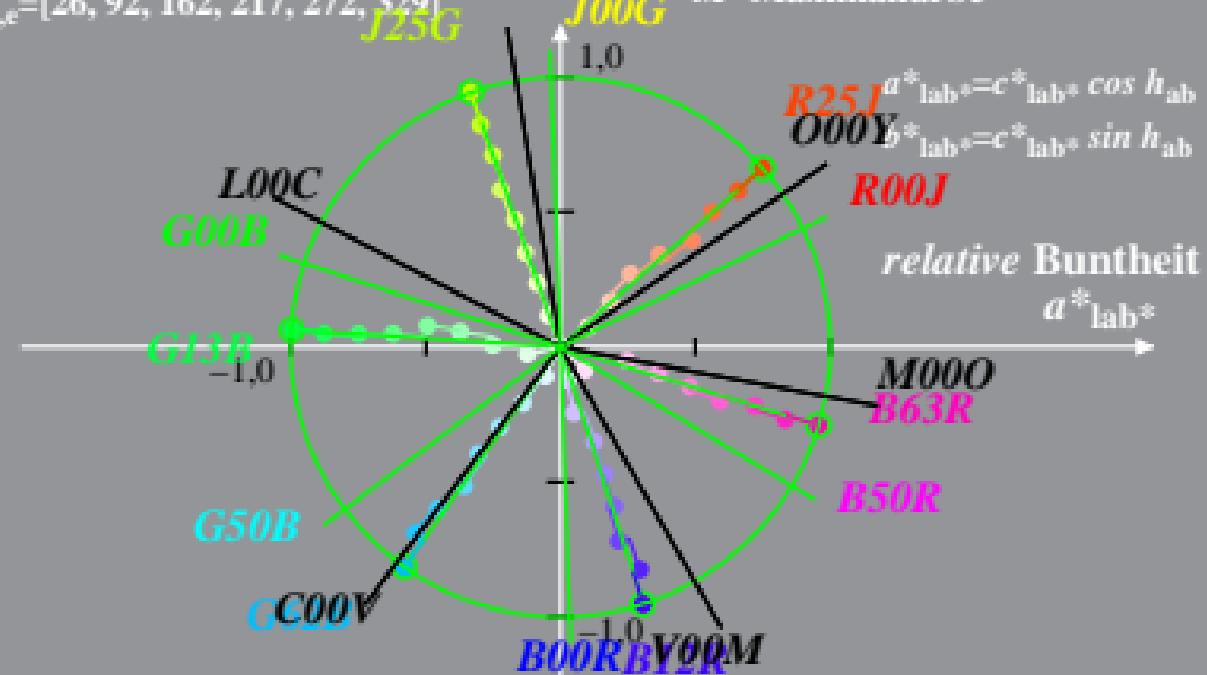
$Buntheit$

a^*_{lab*}

$M000$

$B63R$

$B50R$



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , l^*) System: HG83_HRS16_96_D65_50%_O0

CIELAB-Buntonwinkel:

$$h_{ab,d} = [34, 99, 152, 232, 299, 349]$$

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

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

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

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

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

$Y00L$

$J00G$ $R50J$
 M =Maximalfarbe

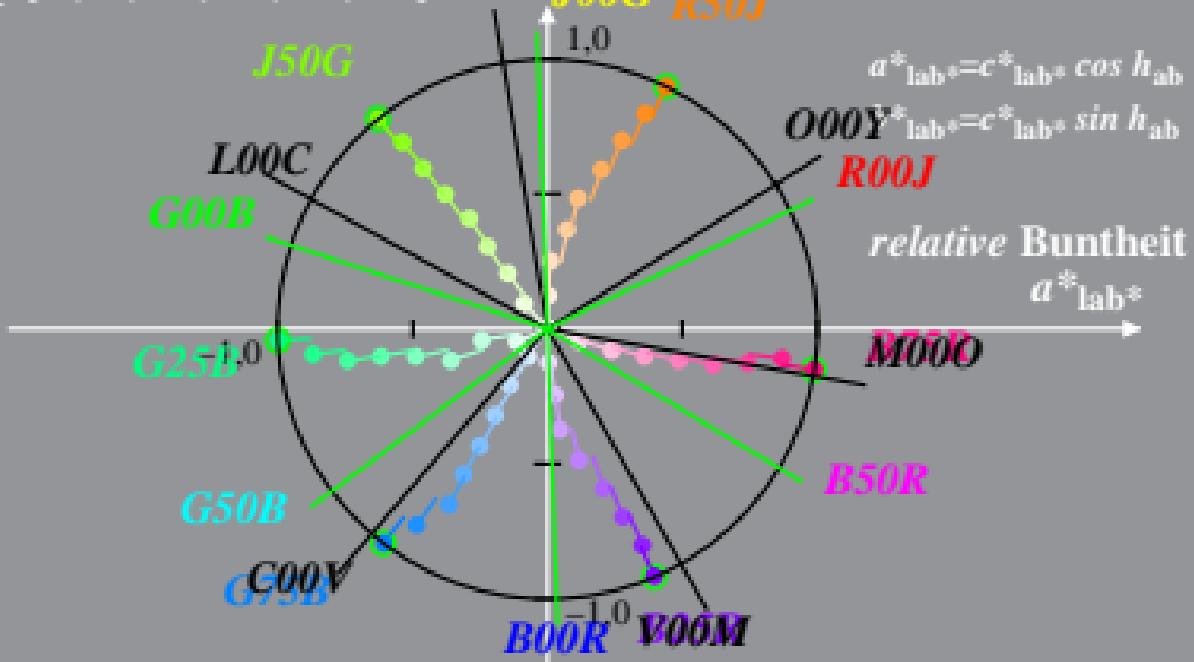
$$a^*_{lab^*} = c^*_{lab^*} \cos h_{ab}$$

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

$R00J$

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

$$M00R$$



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG83_HRS16_96_D65_50%_O1 $t^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

$$h_{ab,d} = [34, 99, 152, 232, 299, 349]$$

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

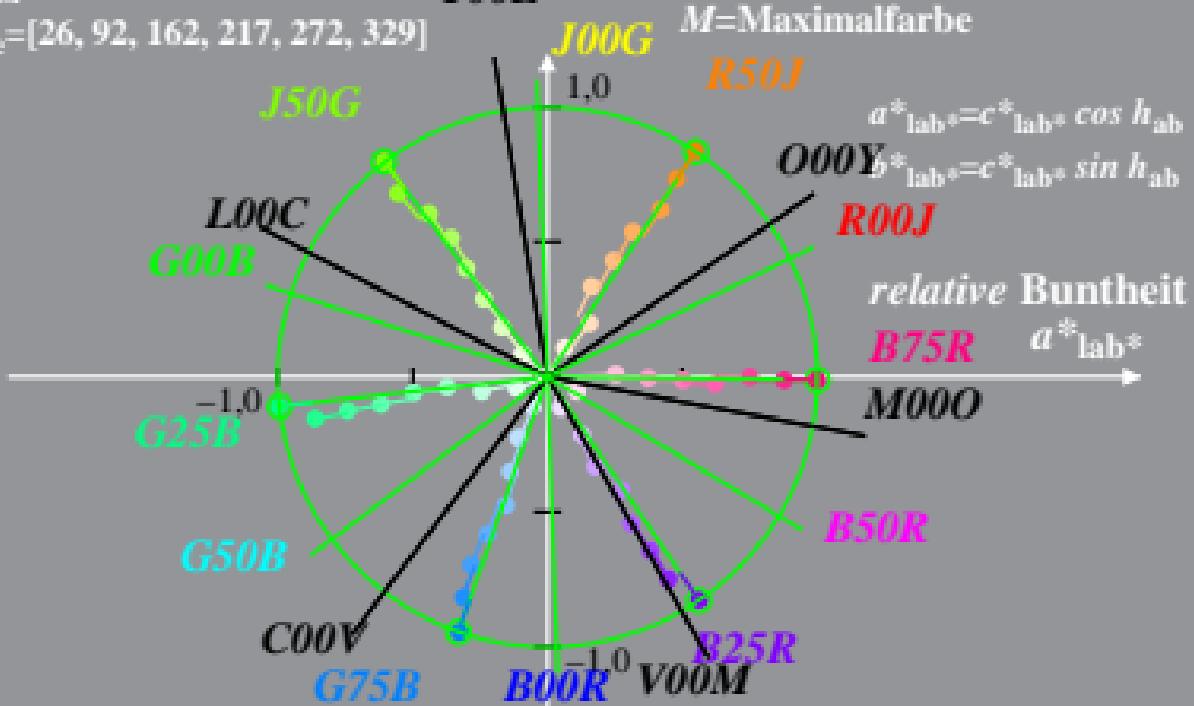
$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

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

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

$Y00L$

M =Maximalfarbe



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG83_HRS16_96_D65_75%_O0

CIELAB-Buntonwinkel:

$$h_{ab,d} = [34, 99, 152, 232, 299, 349]$$

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

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

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

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

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

$Y00L$

$J00G$

$J00R$

$J00Y$

$O00$

$R00J$

$R00R$

$B00B$

$G00B$

$G00C$

$J00C$

$J00G$

$M000$

$M00R$

$B00R$

$B50R$

$B38R$

$V00M$

$B00M$

$G88B$

$C00V$

$G50B$

$G38B$

$J00B$

$J00R$

$M000$

$M00R$

$B00R$

$B50R$

$B38R$

$V00M$

$B00M$

$G88B$

$C00V$

$G50B$

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$M000$

$M00R$

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$M000$

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$V00M$

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$C00V$

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$M000$

$M00R$

$B00R$

$B50R$

$B38R$

$V00M$

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$J00R$

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$M00R$

$B00R$

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$V00M$

$B00M$

$G88B$

$C00V$

$G50B$

$G38B$

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$J00B$

$J00R$

$M000$

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$B00R$

$B50R$

$B38R$

$V00M$

$B00M$

$G88B$

$C00V$

$G50B$

$G38B$

$J00B$

$J00R$

$M000$

$M00R$

$B00R$

$B50R$

$B38R$

$V00M$

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$C00V$

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$Y00L$

$J00G75J$

M =Maximalfarbe

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

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

$R00J$

$B88R$

relative Buntheit

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

$M000$

$B50R$

$B38R$

