

Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG80_HRS16_96_D65_00%_O0

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

CIELAB-Buntonwinkel:

$h_{ab,d} = [32, 100, 145, 206, 265, 348]$

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

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

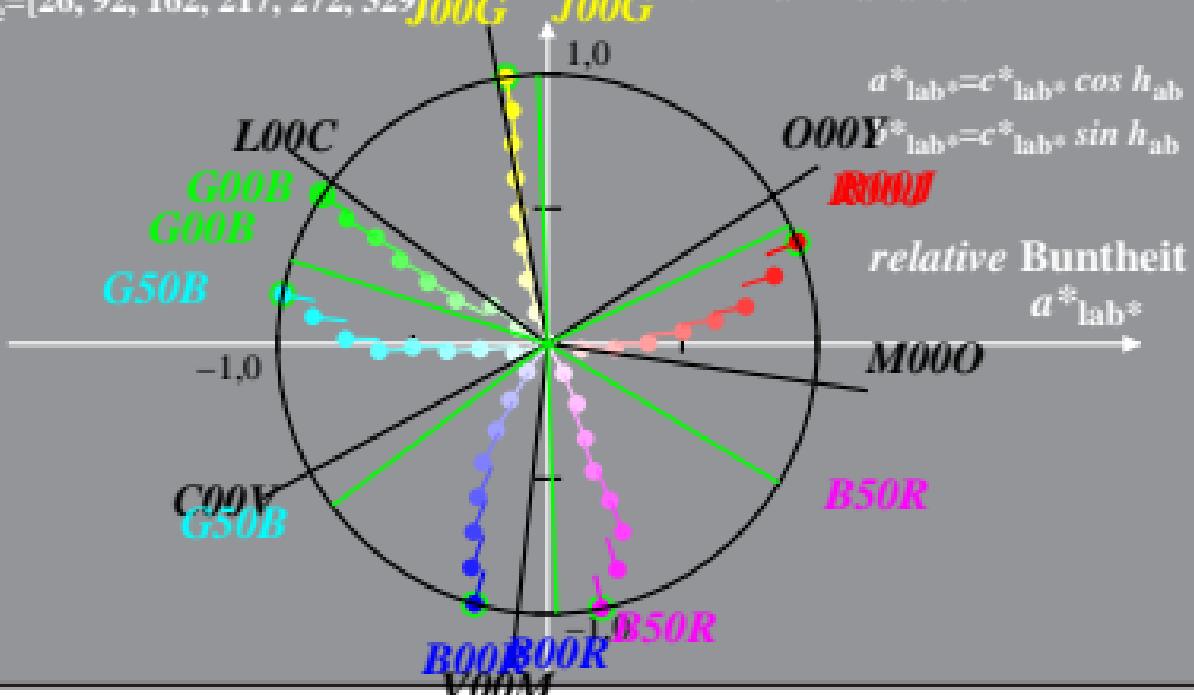
b^*_{lab}

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

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

$J00G$

$M = \text{Maximalfarbe}$



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG80_HRS16_96_D65_00%_01

CIELAB-Buntonwinkel:

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

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

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

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

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

Y00L

J00G J00G

M=Maximalfarbe

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

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

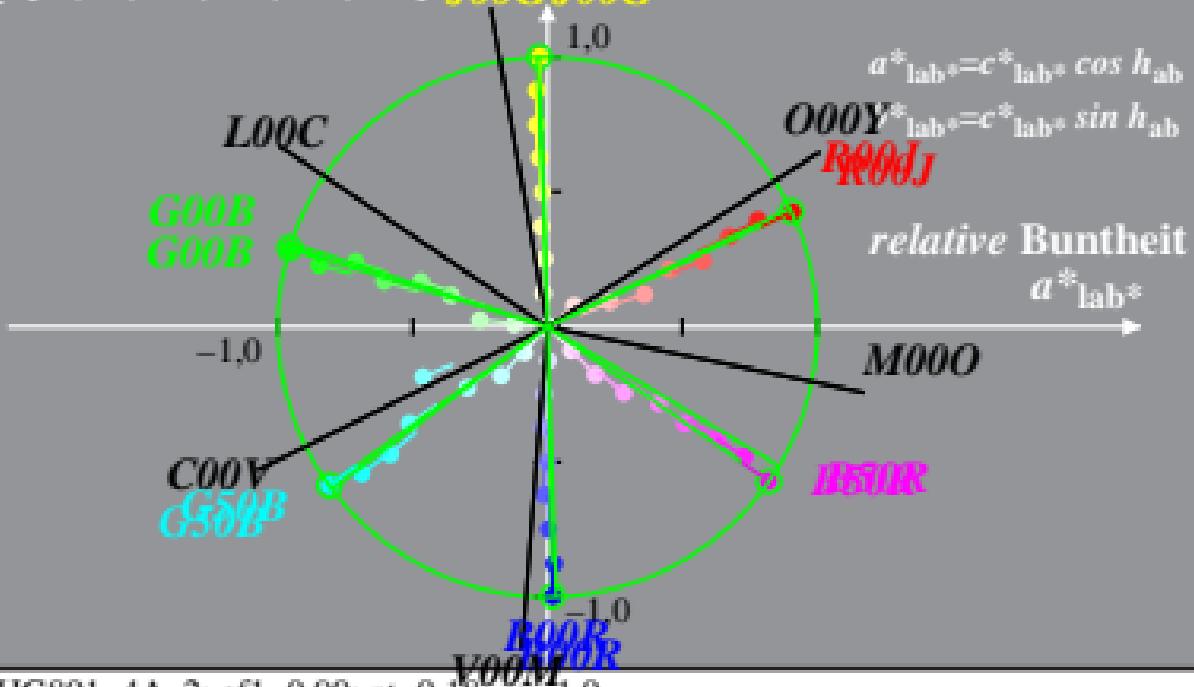
R00J

relative Buntheit

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

M00O

B50R



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG80_HRS16_96_D65_25%_O0

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

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

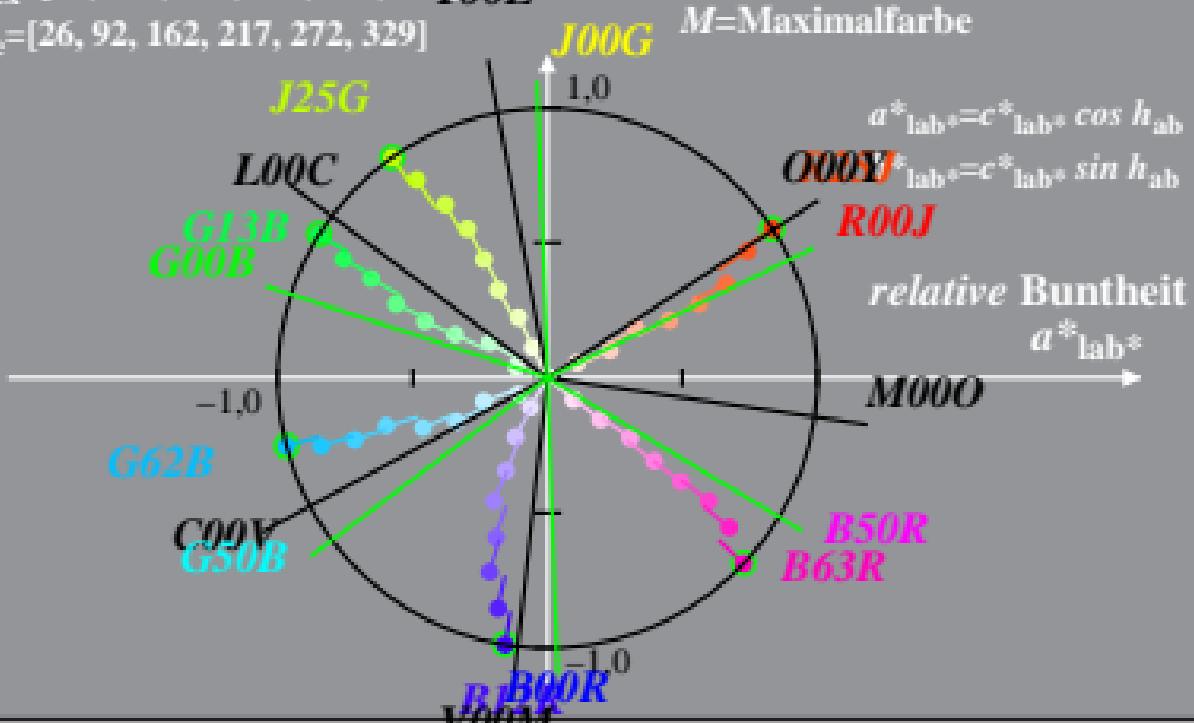
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$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

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

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

M =Maximalfarbe



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG80_HRS16_96_D65_25%_O1 $l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

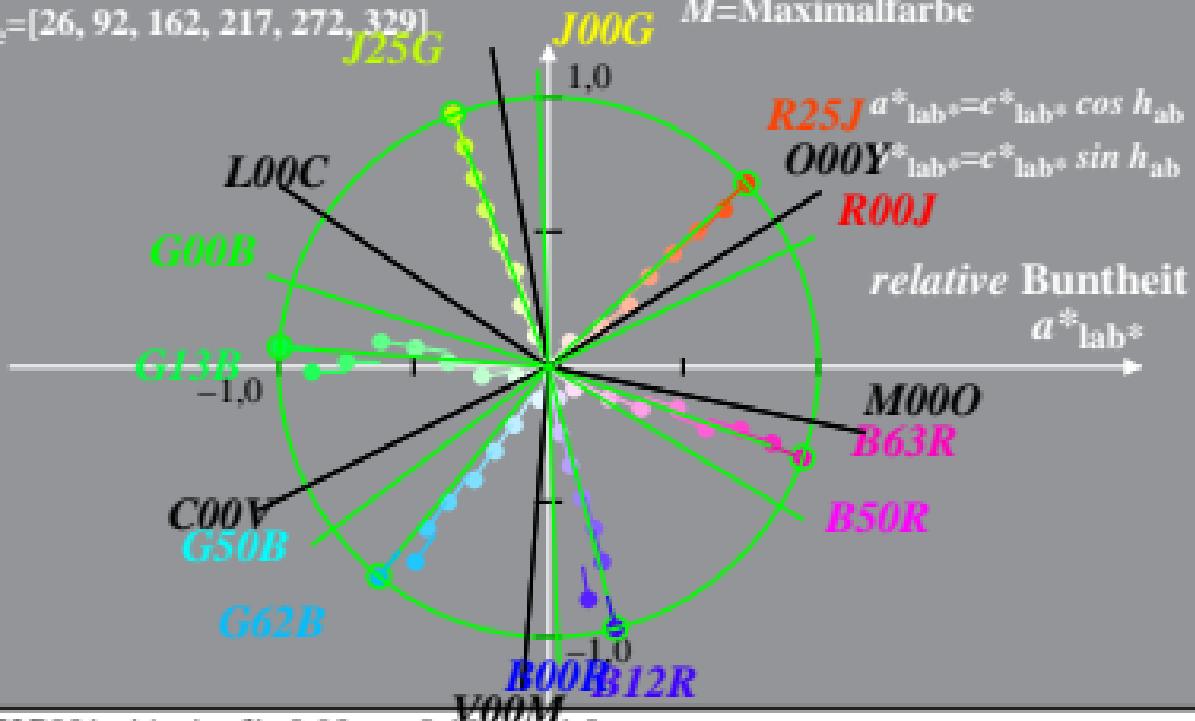
$$h_{ab,ex} = [42, 109, 175, 230, 286, 345]$$

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

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

M =Maximalfarbe



HG801-4A, 4; cfl=0.90; nt=0.18; nx=1.0

Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , l^*) System: HG80_HRS16_96_D65_50%_O0

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

CIELAB-Buntonwinkel:

$h_{ab,d} = [32, 100, 145, 206, 265, 348]$

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

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

$b^*_{lab^*}$

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

$Y00L$

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

$M = \text{Maximalfarbe}$

$J00G$

$$R50J \quad a^*_{lab^*} = c^*_{lab^*} \cos h_{ab}$$

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

$R00J$

relative Buntheit

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

$M75D$

$B50R$

$J5L00C$

$G25B$

$G00B$

$C00V$

$G50B$

$G75B$

$Y00M$

$B00R$

Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG80_HRS16_96_D65_50%_O1 $t^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

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

Y00L

M=Maximalfarbe

$$J00G$$

$$R50J$$

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

$$O00Y^*$$

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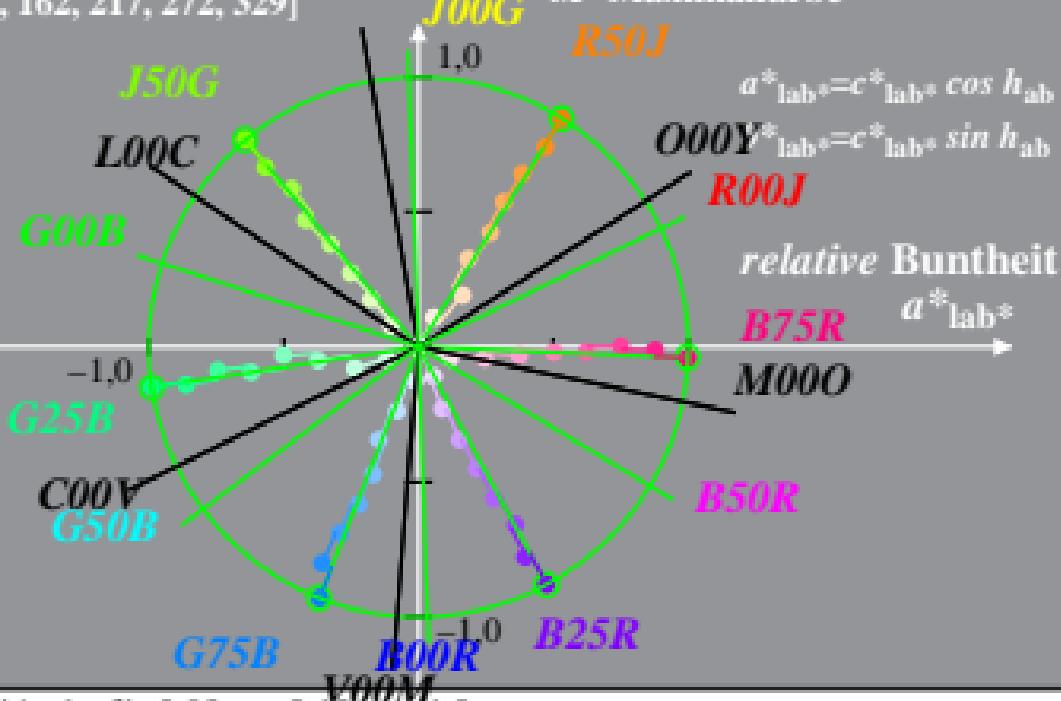
relative Buntheit

$$B75R$$

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

$$M00O$$

$$B50R$$



Beziehung adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^* , t^*) System: HG80_HRS16_96_D65_75%_O0

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

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

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

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

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

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

$Y00L$

$J00G5J$

M =Maximalfarbe

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

$O00Y^*$

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

$R00J$

$B88R$ ive Buntheit

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

$M000$

$J7L00C$

$G00B$

$G50B$

$G88B$

1,0

-1,0

-1,0

$Y00M$

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$$Y00L$$

M =Maximalfarbe

