

Beziehung adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*$ ,  $t^*$ ) System: HG82\_HRS16\_96\_D65\_00%\_O0

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 99, 151, 233, 300, 349]$$

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

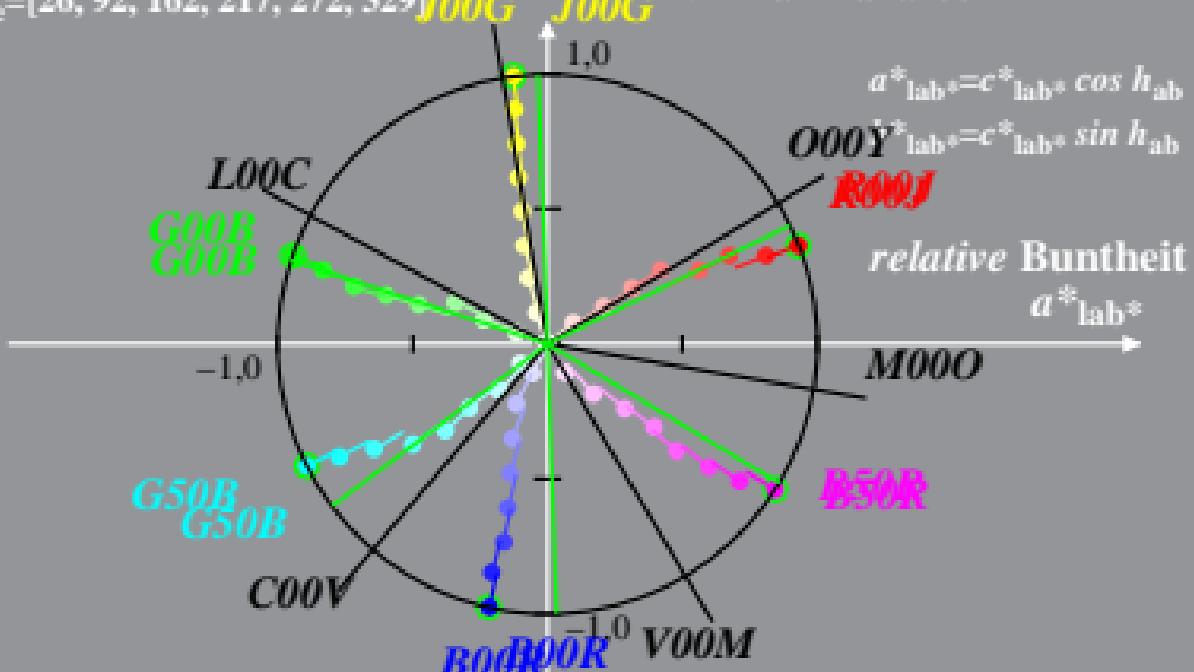
$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

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

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

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

$M$ =Maximalfarbe



Beziehung adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*$ ,  $t^*$ ) System: HG82\_HRS16\_96\_D65\_00%\_01

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 99, 151, 233, 300, 349]$$

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

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

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

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

$$Y00L$$

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

$$J00G J00G$$

$M$ =Maximalfarbe

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

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

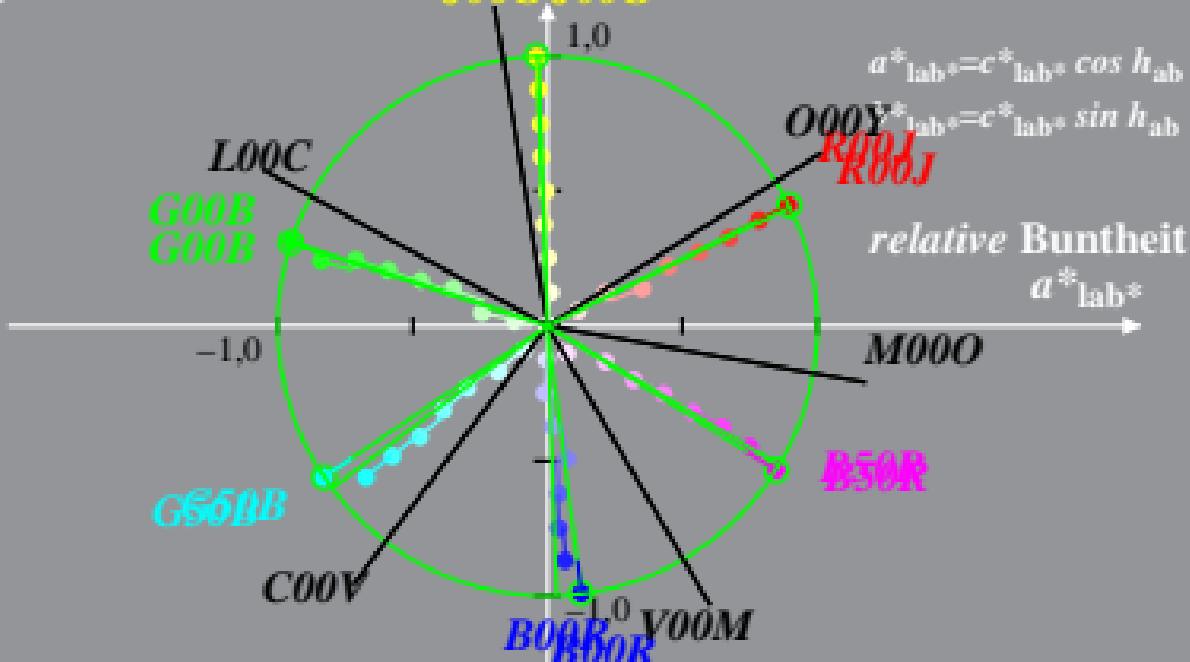
$R00J$

relative Buntheit

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

$$M000$$

$$B50R$$



Beziehung adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*$ ,  $t^*$ ) System: HG82\_HRS16\_96\_D65\_25%\_O0

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 99, 151, 233, 300, 349]$$

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

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

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

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

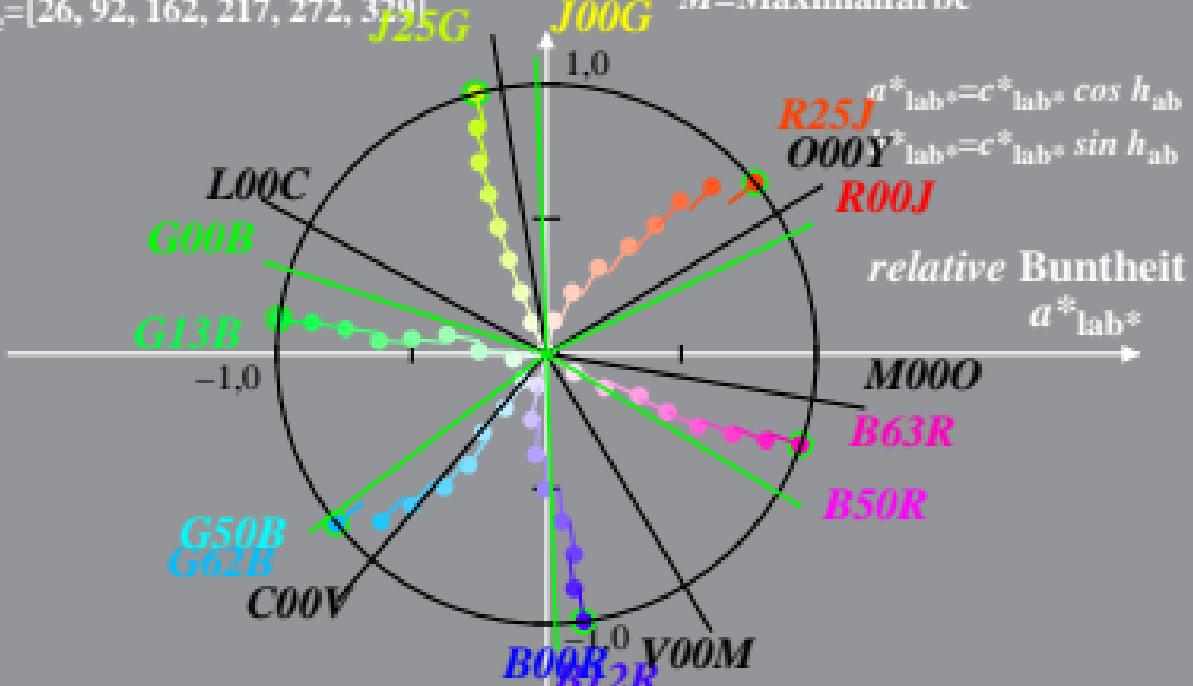
$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

$Y00L$

$M$ =Maximalfarbe

$J25G$

$J00G$



Beziehung adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*$ ,  $t^*$ ) System: HG82\_HRS16\_96\_D65\_25%\_O1     $l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 99, 151, 233, 300, 349]$$

$$h_{ab,ex} = [42, 109, 175, 230, 286, 343] \quad Y00L$$

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

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

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

$M$ =Maximalfarbe

J25G

J00G

L00C

G00B

G13R

G50B

G60V

B00RB

Y20M

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

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

R00J

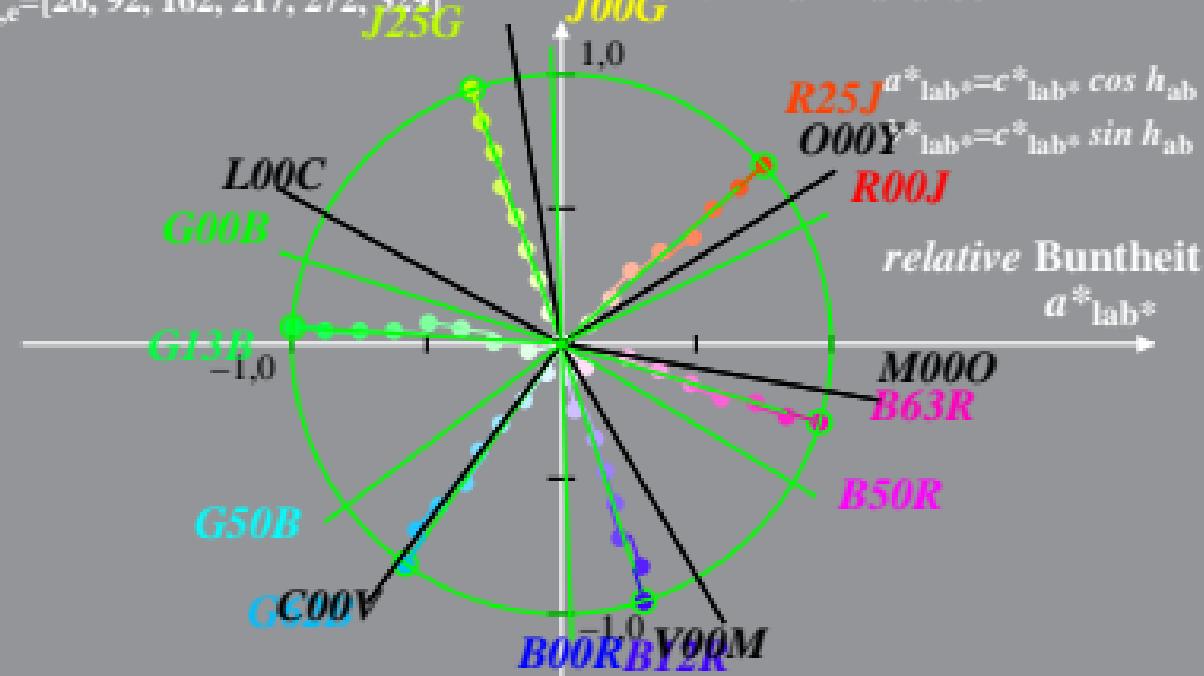
relative Buntheit

$a^*_{lab}$

M000

B63R

B50R



Beziehung adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*$ ,  $t^*$ ) System: HG82\_HRS16\_96\_D65\_50%\_O0

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 99, 151, 233, 300, 349]$$

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

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

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

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

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

$Y00L$

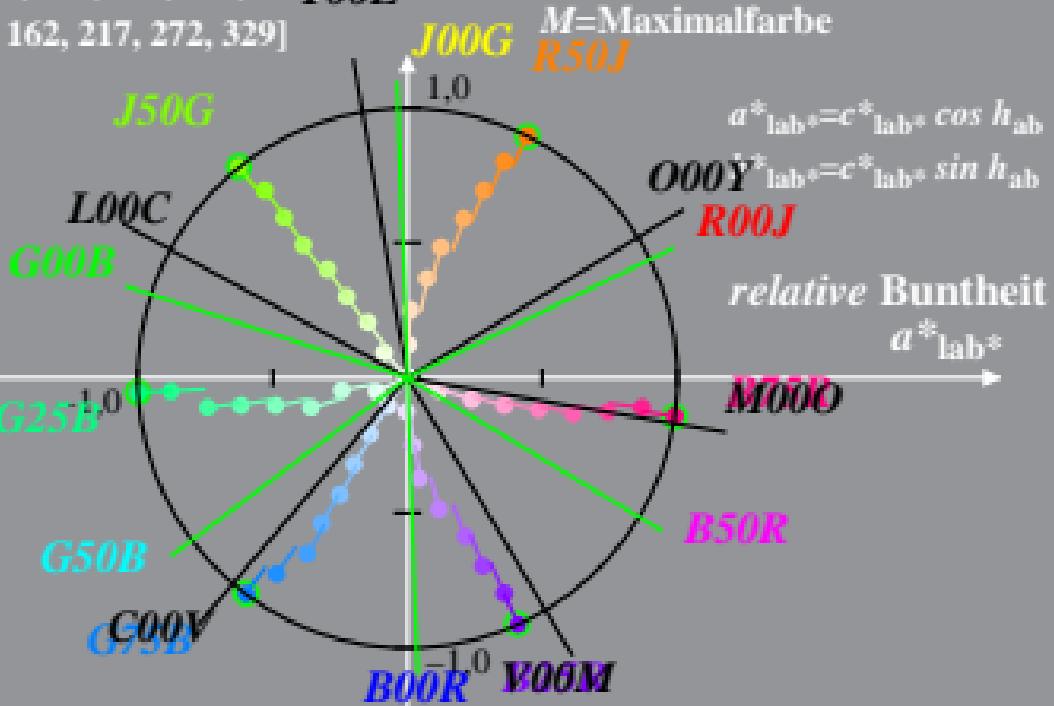
$b^*_{lab^*}$

$c^*_{lab^*}$

$a^*_{lab^*}$

$t^*_{lab^*}$

$M=Maximalfarbe$



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

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

$$R00J$$

$$relative\ Buntheit$$

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

$$M000$$

$$B50R$$

Beziehung adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*$ ,  $t^*$ ) System: HG82\_HRS16\_96\_D65\_50%\_O1

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 99, 151, 233, 300, 349]$$

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

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

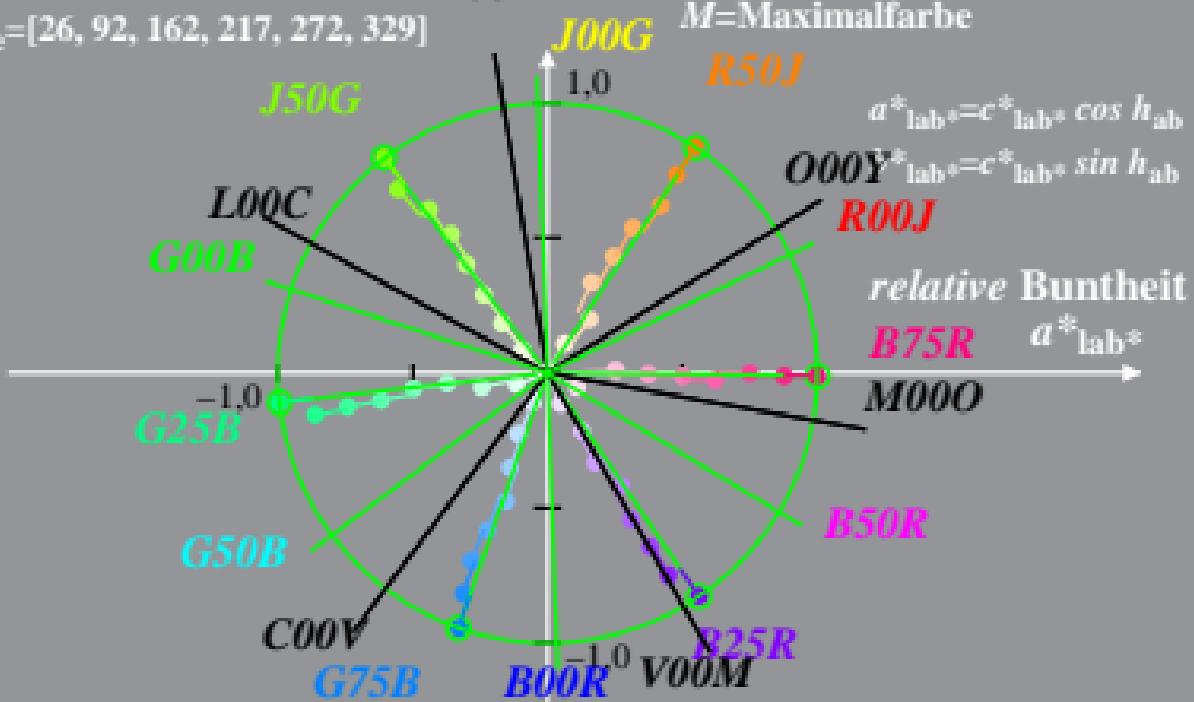
$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

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

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

$Y00L$

$M$ =Maximalfarbe



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

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

$R00J$

relative Buntheit

$B75R$   $a^*_{lab^*}$

$M000$

$B50R$

Beziehung adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*$ ,  $t^*$ ) System: HG82\_HRS16\_96\_D65\_75%\_O0

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 99, 151, 233, 300, 349]$$

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

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

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

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

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

$Y00L$

$J00G$

$J00R$

$J00B$

$J00C$

$J00Y$

$J00M$

$J00A$

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

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

$R00J$

$B38R$ ive Buntheit

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

$M000$

$B50R$

$B38R$

$V00M$

$B00R$

$G88B$

$C00V$

$G38B$

$G50B$

$J00C$

$J00G$

$J00R$

$J00B$

$J00Y$

$J00M$

$J00A$

Beziehung adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*$ ,  $l^*$ ) System: HG82\_HRS16\_96\_D65\_75%\_O1

CIELAB-Buntonwinkel:

$$h_{ab,d} = [32, 99, 151, 233, 300, 349]$$

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

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

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

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

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

$Y00L$

$J00G75J$

=Maximalfarbe

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

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

$R00J$

$B88R$

relative Buntheit

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

$M000$

