

Adaptiertes (a) CIELAB (C^*_{ab,a^*}, L^*) und relatives CIELAB ($c^*_{lab^*}, l^*_{lab^*}$)
 System: HG80_HRS16_96_D65_00%_O0 $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

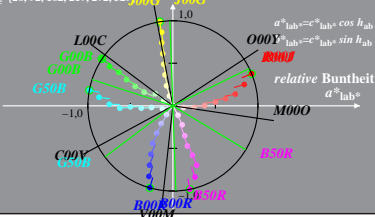
$h_{ab,d} = [32, 100, 145, 206, 265, 348]$

$h_{ab,ex} = [26, 92, 162, 217, 272, 329]$ **Y00L**

$h_{ab,e} = [26, 92, 162, 217, 272, 329]$ **J00G J00G**

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

$M = \text{Maximalfarbe}$



HG801-8A, 1; cfl=0.90; nt=0.18; nx=1.0

Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB ($c^*_{lab^*}, l^*_{lab^*}$)
 System: HG80_HRS16_96_D65_00%_O1 $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

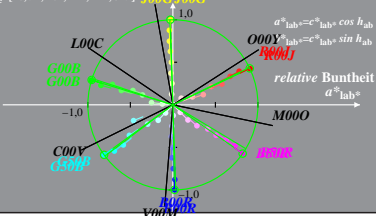
$h_{ab,d} = [32, 100, 145, 206, 265, 348]$

$h_{ab,ex} = [26, 92, 162, 217, 272, 329]$ **Y00L**

$h_{ab,e} = [26, 92, 162, 217, 272, 329]$ **J00G J00G**

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

M=Maximalfarbe



Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB ($c^*_{lab^*}, l^*_{lab^*}$)

System: HG80_HRS16_96_D65_25%_O0

$$l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$$

CIELAB-Buntonwinkel:

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

$h_{ab,ex} = [42, 109, 175, 230, 286, 348]$

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

$b^*_{lab^*}$

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

M=Maximalfarbe

Y00L

J00G

J25G

L00C

G13B

G00B

O00Y

R00J

relative Buntheit

$a^*_{lab^*}$

M00O

G62B

C00V

G50B

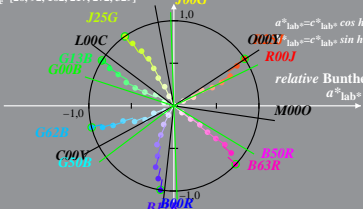
B50R

B63R

B00R

V00M

HG801-8A, 3; cfl=0.90; nt=0.18; nx=1.0



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

CIELAB-Buntonwinkel:

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

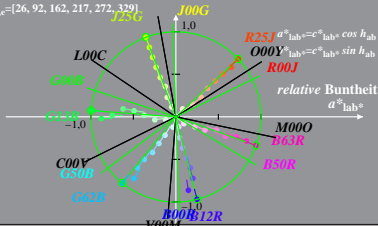
$h_{ab,ex} = [42, 109, 175, 230, 286, 345]$

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

$b^*_{lab^*}$

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

M=Maximalfarbe



Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB ($c^*_{lab^*}, l^*_{lab^*}$)

System: HG80_HRS16_96_D65_50%_O0

$$l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$$

CIELAB-Buntonwinkel:

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

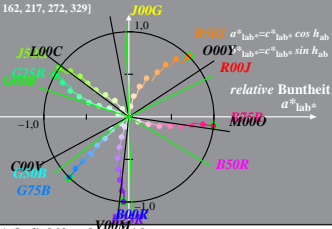
$h_{ab,ex} = [59, 127, 189, 244, 300, 357]$

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

$b^*_{lab^*}$

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

M=Maximalfarbe



HG801-8A, 5; cfl=0.90; nt=0.18; nx=1.0

Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB ($c^*_{lab^*}, l^*_{lab^*}$)
 System: HG80_HRS16_96_D65_50%_O1 $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

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

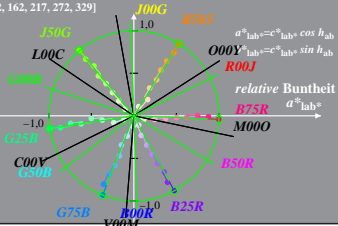
$h_{ab,ex} = [59, 127, 189, 244, 300, 357]$

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

$b^*_{lab^*}$

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

M=Maximalfarbe



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

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

relative Buntheit

$a^*_{lab^*}$

Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB ($c^*_{lab^*}, l^*_{lab^*}$)
 System: HG80_HRS16_96_D65_75%_O0 $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

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

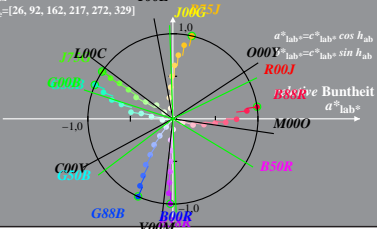
$h_{ab,ex} = [75, 144, 203, 258, 314, 370]$ **Y00L**

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

$b^*_{lab^*}$

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

M=Maximalfarbe



Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB ($c^*_{lab^*}, l^*_{lab^*}$)
 System: HG80_HRS16_96_D65_75%_O1 $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Buntonwinkel:

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

$h_{ab,ex} = [75, 144, 203, 258, 314, 370]$ **Y00L**

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

$b^*_{lab^*}$

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

M=Maximalfarbe

