

Adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*_{lab*}$ ,  $l^*_{lab*}$ )  
 System: GG80\_HRS16\_96\_D65\_00%\_O0

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

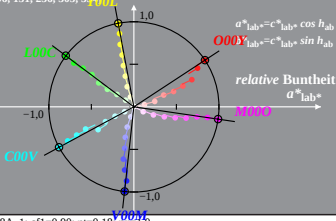
$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

$b^*_{lab*}$  M=Maximalfarbe

CIELAB-Buntonwinkel:

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

$h_{ab,dx} = [38, 96, 151, 236, 305, 354]$



Adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*_{lab*}$ ,  $l^*_{lab*}$ )  
 System: GG80\_HRS16\_96\_D65\_00%\_O1  $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Bunttonwinkel:

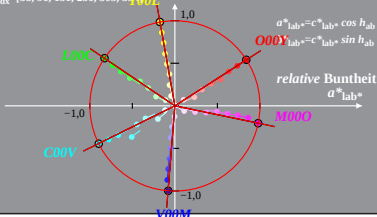
$h_{ab,d} = [32, 100, 145, 206, 265, 348]$

$h_{ab,dx} = [38, 96, 151, 236, 305, 354]$

$b^*_{lab*}$

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

$M = \text{Maximalfarbe}$



GG801-8A, 2; cf1=0.90; nt=0.18; nx=1.0

Adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*_{lab}$ ,  $l^*_{lab}$ )  
 System: GG80\_HRS16\_96\_D65\_25%\_O0

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

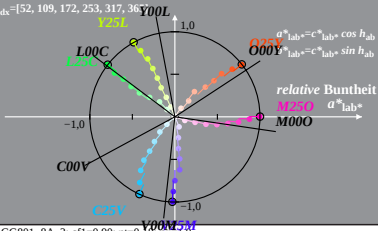
$$c^*_{lab} = C^*_{ab,a} / C^*_{ab,a,M}$$

CIELAB-Buntonwinkel:

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

$h_{ab,dx} = [52, 109, 172, 253, 317, 365]$

$b^*_{lab}$  M=Maximalfarbe



Adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*_{lab*}$ ,  $l^*_{lab*}$ )  
 System: GG80\_HRS16\_96\_D65\_25%\_O1  $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Bunttonwinkel:

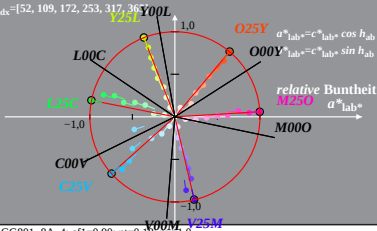
$h_{ab,d} = [32, 100, 145, 206, 265, 348]$

$h_{ab,dx} = [52, 109, 172, 253, 317, 365]$

$b^*_{lab*}$

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

M=Maximalfarbe



Adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*_{lab*}$ ,  $l^*_{lab*}$ )  
 System: GG80\_HRS16\_96\_D65\_50%\_O0

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

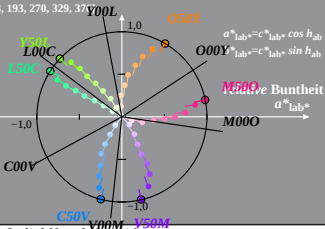
$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

$b^*_{lab*}$  M=Maximalfarbe

CIELAB-Bunttonwinkel:

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

$h_{ab,dx} = [67, 123, 193, 270, 329, 376]$



Adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*_{lab*}$ ,  $l^*_{lab*}$ )  
 System: GG80\_HRS16\_96\_D65\_50%\_O1

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

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

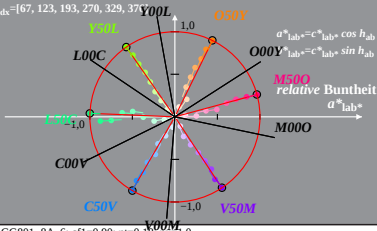
M=Maximalfarbe

CIELAB-Bunttonwinkel:

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

$h_{ab,dx} = [67, 123, 193, 270, 329, 376]$

$b^*_{lab*}$



Adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*_{lab}$ ,  $l^*_{lab}$ )  
 System: GG80\_HRS16\_96\_D65\_75%\_O0

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

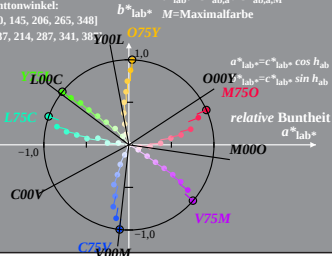
$$c^*_{lab} = C^*_{ab,a} / C^*_{ab,a,M}$$

$M$  = Maximalfarbe

CIELAB-Bunttonwinkel:

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

$h_{ab,dx} = [81, 137, 214, 287, 341, 387]$



Adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ ) und relatives CIELAB ( $c^*_{lab*}$ ,  $l^*_{lab*}$ )  
 System: GG80\_HRS16\_96\_D65\_75%\_O1  $l^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

CIELAB-Bunttonwinkel:

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

$h_{ab,dx} = [81, 137, 214, 287, 341, 387]$

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

$b^*_{lab*}$  M=Maximalfarbe

