

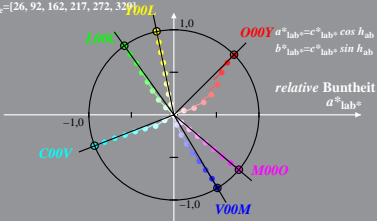
LG49_LCD projector_20%_Fadin

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

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

M =Maximalfarbe

CIELAB-Bunttonwinkel:

$$h_{a,b,d}=[38, 96, 151, 236, 305, 354]$$
$$h_{gh,c}=[26, 92, 162, 217, 272, 329]$$


LG490-8A, 0% Fadin 0

Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und relatives CIELAB (c^*_{lab} , l^*_{lab})
 LG49_LCD projector_2 0%_Fadit

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

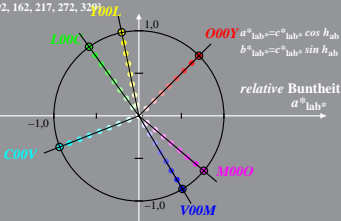
$$c^*_{lab} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab} M=Maximalfarbe

CIELAB-Buntonwinkel:

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

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



Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB (c^*_{lab}, l^*_{lab})
 LG49_LCD projector_2 0,6%_Fadin

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

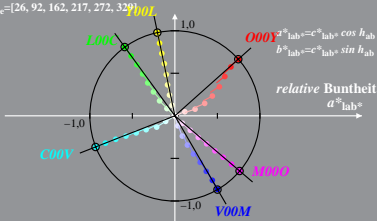
$$c^*_{lab} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab} M=Maximalfarbe

CIELAB-Buntonwinkel:

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

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



LG490-8A, 0,6%_Fadin 0

Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB (c^*_{lab}, l^*_{lab})
 LG49_LCD projector_2 0,6%_Fadit

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

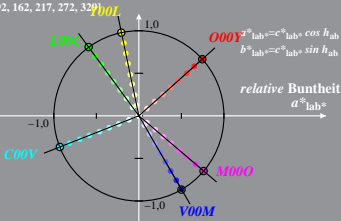
$$c^*_{lab} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab} M=Maximalfarbe

CIELAB-Buntonwinkel:

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

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



Adaptiertes (a) CIELAB ($C^*_{ab,*}$, L^*) und relatives CIELAB ($c^*_{lab,*}$, $l^*_{lab,*}$)
 LG49_LCD projector_2 1,2%_Fadin

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

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

M =Maximalfarbe

CIELAB-Buntonwinkel:

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

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

$b^*_{lab,*}$

Y00L

L00C

O00Y

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

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

relative Buntheit

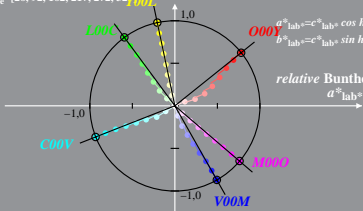
$a^*_{lab,*}$

C00V

M00O

V00M

LG490-8A, 1,2%_Fadin 0



Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB (c^*_{lab}, l^*_{lab})
 LG49_LCD projector_2 1,2%_Fadit

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

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

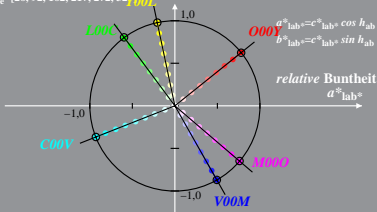
M = Maximalfarbe

CIELAB-Buntonwinkel:

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

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

b^*_{lab}



Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB (c^*_{lab}, l^*_{lab})
 LG49_LCD projector_2 2,5%_Fadin

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

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

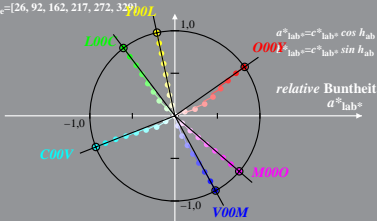
M =Maximalfarbe

CIELAB-Buntonwinkel:

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

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

b^*_{lab}



LG490-8A, 2,5%_Fadin 0

Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB (c^*_{lab}, l^*_{lab})
 LG49_LCD projector_2 2,5%_Fadit

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

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

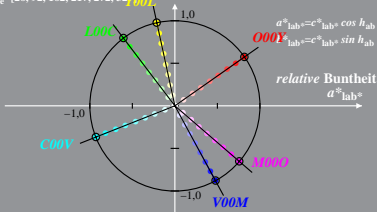
M = Maximalfarbe

CIELAB-Buntonwinkel:

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

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

b^*_{lab}



Adaptiertes (a) CIELAB ($C^*_{ab,*}$, L^*) und *relative* CIELAB ($c^*_{lab,*}$, $l^*_{lab,*}$)
 LG49_LCD projector_2 5%_Fadin

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

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

M =Maximalfarbe

CIELAB-Buntonwinkel:

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

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

$b^*_{lab,*}$

Y00L

L00C

O00Y

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

relative Buntheit

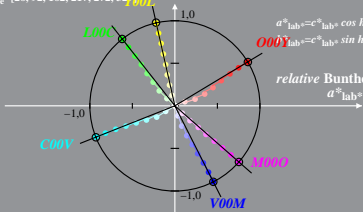
$a^*_{lab,*}$

C00V

M00O

V00M

LG490-8A, 5%_Fadin 0



Adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*) und *relative* CIELAB (c^*_{lab} , l^*_{lab})
 LG49_LCD projector_2 5%_Fadit

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

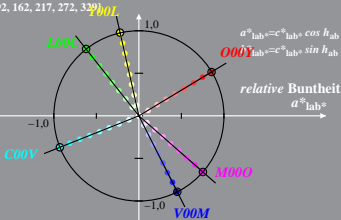
$$c^*_{lab} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab} M =Maximalfarbe

CIELAB-Buntonwinkel:

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

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



Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB (c^*_{lab}, l^*_{lab})
 LG49_LCD projector_2 10%_Fadin

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

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

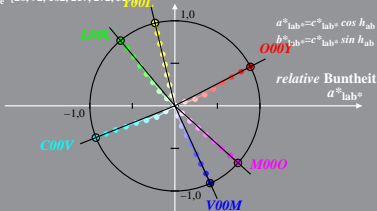
M =Maximalfarbe

CIELAB-Buntonwinkel:

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

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

b^*_{lab}



Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und *relative* CIELAB (c^*_{lab}, l^*_{lab})
 LG49_LCD projector_2 10%_Fadit

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

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

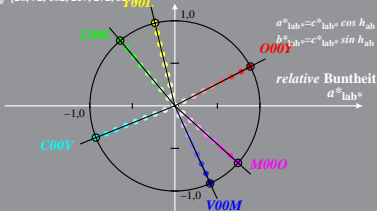
M =Maximalfarbe

CIELAB-Buntonwinkel:

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

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

b^*_{lab}



Adaptiertes (a) CIELAB ($C_{ab,a}^*, L^*$) und relatives CIELAB (c_{lab}^*, l_{lab}^*)
 LG49_LCD projector_2 20%_Fadin

$$l_{lab}^* = (L^* - L_N^*) / (L_W^* - L_N^*)$$

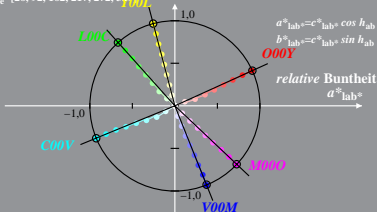
$$c_{lab}^* = C_{ab,a}^* / C_{ab,a,M}^*$$

b_{lab}^* M =Maximalfarbe

CIELAB-Buntonwinkel:

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

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



Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB (c^*_{lab}, l^*_{lab})
 LG49_LCD projector_2 20%_Fadit

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

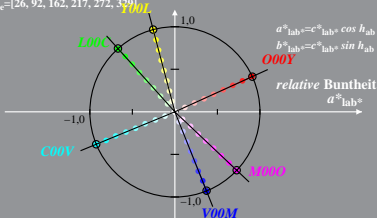
$$c^*_{lab} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab} M=Maximalfarbe

CIELAB-Buntonwinkel:

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

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



Adaptiertes (a) CIELAB ($C^*_{ab,a}, L^*$) und relatives CIELAB (c^*_{lab}, l^*_{lab})
 LG49_LCD projector_2 40%_Fadin

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

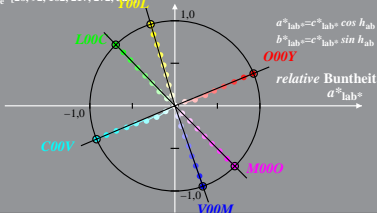
$$c^*_{lab} = C^*_{ab,a} / C^*_{ab,a,M}$$

b^*_{lab} M=Maximalfarbe

CIELAB-Buntonwinkel:

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

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



LG490-8A, 40%_Fadin 0

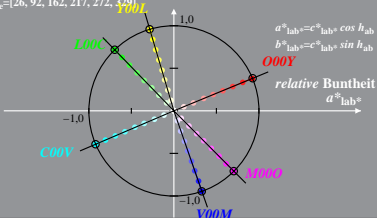
LG49 LCD projector 240% Fadit

$$I^*_{\text{lab}} = (L^* - L^*_N) / (L^*_W - L^*_N)$$

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

M =Maximalfarbe

CIELAB-Bunttonwinkel:

$$h_{a,b,d}=[38, 96, 151, 236, 305, 354]$$
$$h_{\text{ph,e}}=[26, 92, 162, 217, 272, 329]$$


LG490-8A, 40% Fadit 1