

Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)
 LG42_LECD display_1 0%_Fadin

CIELAB-Buntonwinkel:

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

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

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

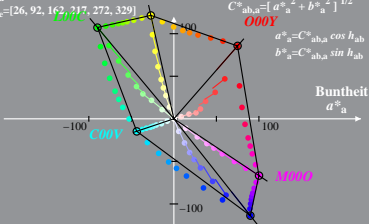
$$a^*_{\tilde{a}} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{\tilde{a}} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^*_{\tilde{a}}{}^2 + b^*_{\tilde{a}}{}^2]^{1/2}$$

$$a^*_{\tilde{a}} = C^*_{ab,a} \cos h_{ab}$$

$$b^*_{\tilde{a}} = C^*_{ab,a} \sin h_{ab}$$



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)
 LG42_LECD display_1 0%_Facit

CIELAB-Buntonwinkel:

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

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

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

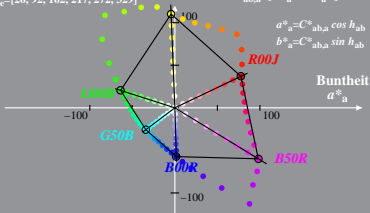
$$a^*_{a} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{a} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^*_{a}{}^2 + b^*_{a}{}^2]^{1/2}$$

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

$$b^*_{a} = C^*_{ab,a} \sin h_{ab}$$



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)

LG42_LECD display_1 0,6%_Fadin

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

$$a^*_{\tilde{a}} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{\tilde{a}} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^*_{\tilde{a}}{}^2 + b^*_{\tilde{a}}{}^2]^{1/2}$$

CIELAB-Buntonwinkel:

$h_{ab,d} = [38, 96, 151, 236, 305, 359]$

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

$b^*_{\tilde{a}}$

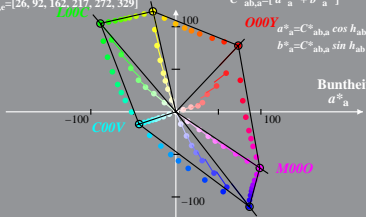
000Y

$$a^*_{\tilde{a}} = C^*_{ab,a} \cos h_{ab}$$

$$b^*_{\tilde{a}} = C^*_{ab,a} \sin h_{ab}$$

Buntheit

$a^*_{\tilde{a}}$



LG420-4A, 0,6%_Fadin 0

V000

Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)
 LG42_LECD display_1 0,6%_Facit

CIELAB-Buntonwinkel:

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

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

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

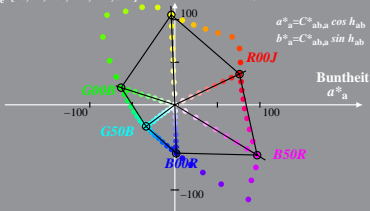
$$a^*_{a} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{a} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^*_{a^2} + b^*_{a^2}]^{1/2}$$

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

$$b^*_{a} = C^*_{ab,a} \sin h_{ab}$$



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)

LG42_LECD display_1 1,2%_Fadin

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

$$a^*_{\tilde{a}} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{\tilde{a}} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^*_{\tilde{a}}{}^2 + b^*_{\tilde{a}}{}^2]^{1/2}$$

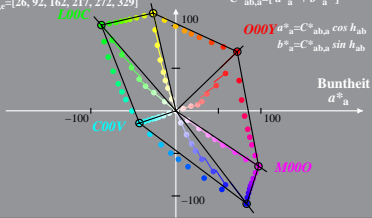
CIELAB-Buntonwinkel:

$h_{ab,d} = [38, 96, 151, 236, 305, 354]$ **Y00L**

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

O00Y $a^*_{\tilde{a}} = C^*_{ab,a} \cos h_{ab}$

$b^*_{\tilde{a}} = C^*_{ab,a} \sin h_{ab}$



LG420-4A, 1,2%_Fadin 0

V00M

Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)
 LG42_LECD display_1 1,2%_Facit

CIELAB-Buntonwinkel:

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

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

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

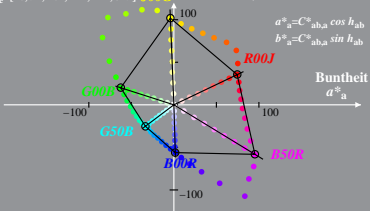
$$a^*_{a} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{a} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^*_{a^2} + b^*_{a^2}]^{1/2}$$

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

$$b^*_{a} = C^*_{ab,a} \sin h_{ab}$$



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)

LG42_LECD display_1 2,5%_Fadin

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

$$a^*_{a} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

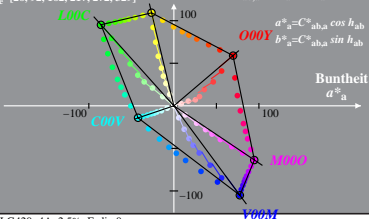
$$b^*_{a} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^*_{a^2} + b^*_{a^2}]^{1/2}$$

CIELAB-Buntonwinkel:

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

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



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)
 LG42_LECD display_1 2,5%_Facit

CIELAB-Buntonwinkel:

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

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

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

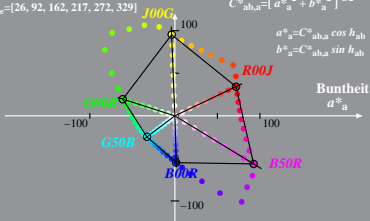
$$a^*_{a} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{a} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^*_{a}{}^2 + b^*_{a}{}^2]^{1/2}$$

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

$$b^*_{a} = C^*_{ab,a} \sin h_{ab}$$



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)
 LG42_LECD display_1 5%_Fadin

CIELAB-Buntonwinkel:

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

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

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

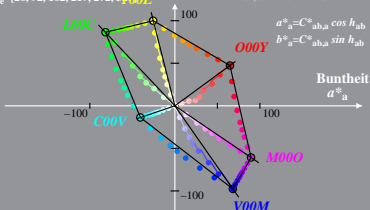
$$a^*_{a} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{a} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^*_{a}{}^2 + b^*_{a}{}^2]^{1/2}$$

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

$$b^*_{a} = C^*_{ab,a} \sin h_{ab}$$



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)
 LG42_LECD display_1 5%_Facit

CIELAB-Buntonwinkel:

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

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

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

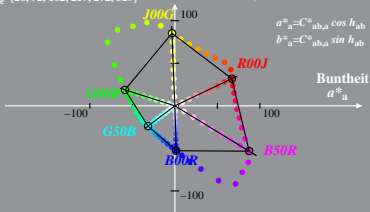
$$a^*_{a} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{a} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^*_{a}{}^2 + b^*_{a}{}^2]^{1/2}$$

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

$$b^*_{a} = C^*_{ab,a} \sin h_{ab}$$



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)
 LG42_LECD display_1 10%_Fadin

CIELAB-Buntonwinkel:

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

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

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

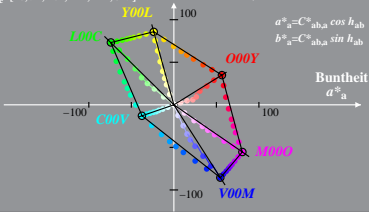
$$a^*_{a}=a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{a}=b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a}=[a^*_{a}{}^2 + b^*_{a}{}^2]^{1/2}$$

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

$$b^*_{a}=C^*_{ab,a} \sin h_{ab}$$



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)
 LG42_LECD display_1 10%_Facit

CIELAB-Buntonwinkel:

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

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

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

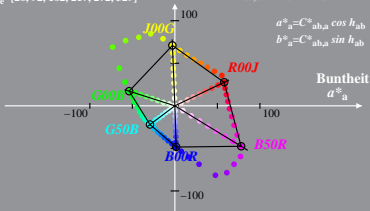
$$a^*_{a} = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{a} = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a} = [a^*_{a^2} + b^*_{a^2}]^{1/2}$$

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

$$b^*_{a} = C^*_{ab,a} \sin h_{ab}$$



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)
 LG42_LECD display_1 20%_Fadin

CIELAB-Buntonwinkel:

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

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

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

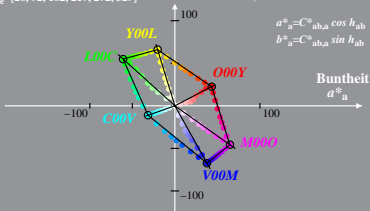
$$a^*_{a^*}=a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{a^*}=b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a}=[a^*_{a^*}{}^2 + b^*_{a^*}{}^2]^{1/2}$$

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

$$b^*_{a^*}=C^*_{ab,a} \sin h_{ab}$$



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)
 LG42_LECD display_1 20%_Facit

CIELAB-Buntonwinkel:

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

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

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

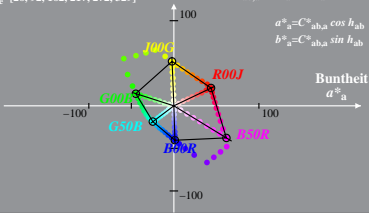
$$a^*_{a}=a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{a}=b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a}=[a^*_{a}{}^2 + b^*_{a}{}^2]^{1/2}$$

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

$$b^*_{a}=C^*_{ab,a} \sin h_{ab}$$



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)
 LG42_LECD display_1 40%_Fadin

CIELAB-Buntonwinkel:

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

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

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

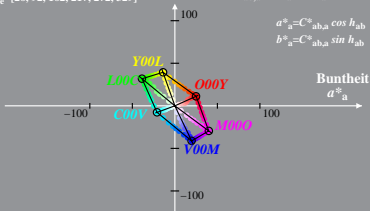
$$a^*_{a^*}=a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{a^*}=b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a}=[a^*_{a^*}{}^2 + b^*_{a^*}{}^2]^{1/2}$$

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

$$b^*_{a^*}=C^*_{ab,a} \sin h_{ab}$$



Beziehung CIELAB (L^* , a^* , b^*) und *adaptiertes* (a) CIELAB ($C^*_{ab,a}$, L^*)
 LG42_LECD display_1 40%_Facit

CIELAB-Buntonwinkel:

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

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

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

$$a^*_{\tilde{a}}=a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$$

$$b^*_{\tilde{a}}=b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$$

$$C^*_{ab,a}=[a^*_{\tilde{a}}^2 + b^*_{\tilde{a}}^2]^{1/2}$$

$$a^*_{\tilde{a}}=C^*_{ab,a} \cos h_{ab}$$

$$b^*_{\tilde{a}}=C^*_{ab,a} \sin h_{ab}$$

