

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

System: GG81_HRS27_96_D65_00%_O0

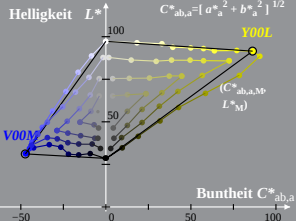
Buntton: $h^*_{Y00L}=96/360$; $h^*_{V00M}=305/360$

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

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

$$b^*_a = b^* - b^*_N - I^*_{lab^*} [b^*_W - b^*_N]$$

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



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

System: GG81_HRS27_96_D65_00%_O1

Buntton: $h^*_{Y00L}=96/360$; $h^*_{V00M}=305/360$

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

$$a^*_{\text{a}} = a^* - a^*_N - I^*_{lab^*} [a^*_W - a^*_N]$$

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

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

Helligkeit L^*

100

Y00L

($C^*_{ab,a,M}$
 L^*_M)

V00M

50

Buntheit $C^*_{ab,a}$

-100

-50

0

50

100

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

System: GG81_HRS27_96_D65_25%_O0

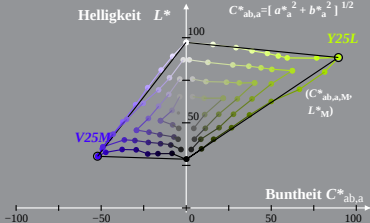
Buntton: $h^*_{Y25L}=109/360$; $h^*_{V25M}=317/360$

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

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

$$b^*_a = b^* - b^*_N - I^*_{lab*} [b^*_W - b^*_N]$$

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



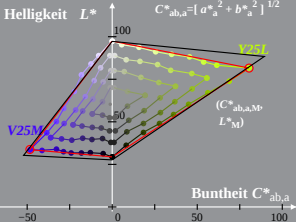
Beziehung CIELAB (L^* , a^* , b^*) und adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*)

System: GG81_HRS27_96_D65_25%_O1 $I^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Buntton: $h^*_{Y25L} = 109/360$; $h^*_{V25M} = 317/360$ $a^*_{a^*} = a^* - a^*_N - I^*_{lab^*} [a^*_W - a^*_N]$

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

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



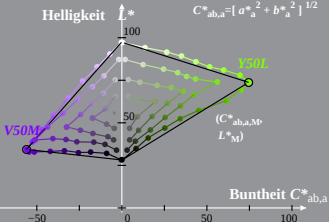
Beziehung CIELAB (L^* , a^* , b^*) und adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*)

System: GG81_HRS27_96_D65_50%_O0 $I^*_{lab*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Buntton: $h^*_{Y50L} = 123/360$; $h^*_{V50M} = 329/360$ $a^*_a = a^* - a^*_N - I^*_{lab*} [a^*_W - a^*_N]$

$b^*_a = b^* - b^*_N - I^*_{lab*} [b^*_W - b^*_N]$

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



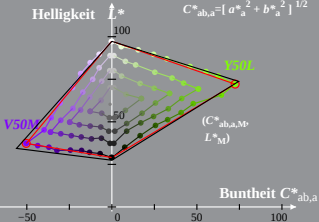
Beziehung CIELAB (L^* , a^* , b^*) und adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*)

System: GG81_HRS27_96_D65_50%_O1 $I^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Buntton: $h^*_{Y50L} = 123/360$; $h^*_{V50M} = 329/360$ $a^*_a = a^* - a^*_N - I^*_{lab^*} [a^*_W - a^*_N]$

$b^*_a = b^* - b^*_N - I^*_{lab^*} [b^*_W - b^*_N]$

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



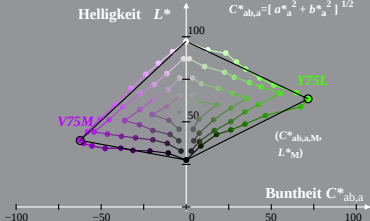
Beziehung CIELAB (L^* , a^* , b^*) und adaptiertes (a) CIELAB ($C^*_{ab,a}$, L^*)

System: GG81_HRS27_96_D65_75%_O0 $I^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Buntton: $h^*_{Y75L} = 137/360$; $h^*_{V75M} = 341/360$ $a^*_a = a^* - a^*_N - I^*_{lab^*} [a^*_W - a^*_N]$

$b^*_a = b^* - b^*_N - I^*_{lab^*} [b^*_W - b^*_N]$

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



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

System: GG81_HRS27_96_D65_75%_O1 $I^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Buntton: $h^*_{Y75L} = 137/360$; $h^*_{V75M} = 341/360$ $a^*_a = a^* - a^*_N - I^*_{lab^*} [a^*_W - a^*_N]$

$b^*_a = b^* - b^*_N - I^*_{lab^*} [b^*_W - b^*_N]$

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

