

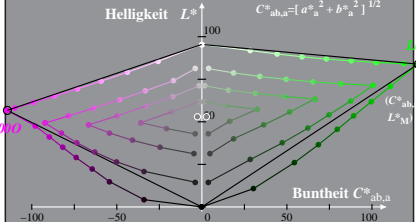
Buntton: $h^*_{\text{LooC}}=151/360$; $h^*_{\text{MooO}}=354/360$

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

$$a^*_{\text{S}} = a^* - a^*_{\text{N}} = l^*_{\text{Sb}} [a^*_{\text{W}} - a^*_{\text{N}}]$$

$$b^*_g = b^* - b^*_N - l^*_{\text{gap}} [b^*_W - b^*_N]$$

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



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

System: JG09_LECD display 0,6%_G0

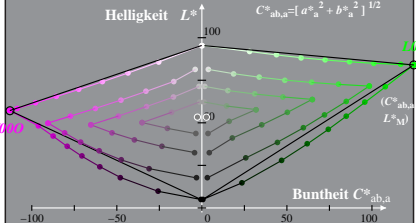
Buntton: $h^*_{L00C}=151/360$; $h^*_{M00O}=354/360$

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

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

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

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



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

System: JG09_LECD display 1,3%_G0

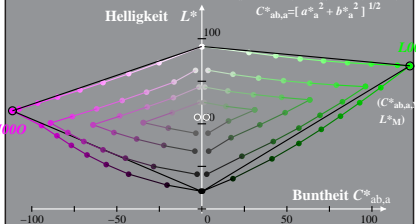
Buntton: $h^*_{L00C}=151/360$; $h^*_{M00O}=354/360$

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

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

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

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



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

System: JG09_LECD display 2,5%_G0

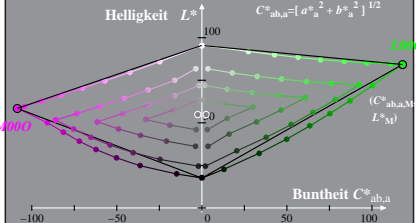
Bunton: $h^*_{L00C}=151/360$; $h^*_{M00O}=354/360$

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

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

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

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



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

System: JG09_LECD display 5%_G0

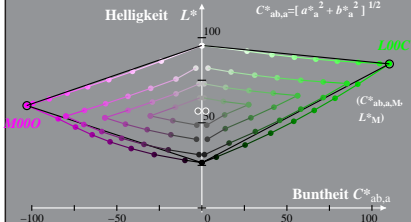
Bunton: $h^*_{L00C}=151/360$; $h^*_{M000}=354/360$

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

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

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

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



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

System: JG09_LECD display 10%_G0

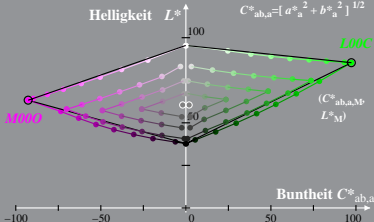
Buntton: $h^*_{L00C}=151/360$; $h^*_{M000}=354/360$

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

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

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

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



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

System: JG09_LECD display 20%_G0

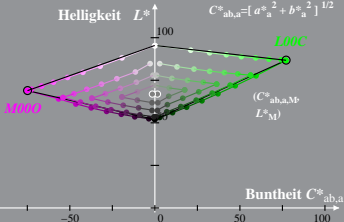
Buntton: $h^*_{L00C}=151/360$; $h^*_{M000}=354/360$

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

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

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

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



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

System: JG09_LECD display 40%_G0

Buntton: $h^*_{L00C}=151/360$; $h^*_{M00O}=354/360$

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

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

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

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

Helligkeit L^*

100

L00C

M00O

CD

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

L^*_M)

50

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

-100

-50

0

50

100