

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

System: ORS18

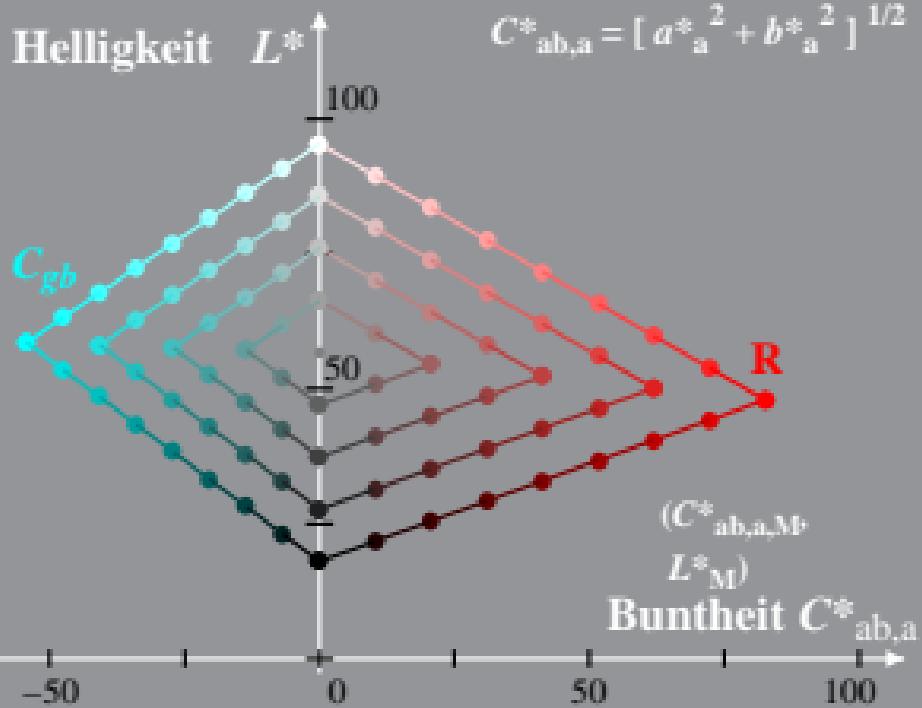
Bunntton: $h^*_R = 38/360$; $h^*_{C_{gb}} = 236/360$

$$l^*_{lab^*} = (L^* - L^*_{N}) / (L^*_{W} - L^*_{N})$$

$$a^*_{ab,a} = a^* - a^*_{N} - l^*_{lab^*} [a^*_{W} - a^*_{N}]$$

$$b^*_{ab,a} = b^* - b^*_{N} - l^*_{lab^*} [b^*_{W} - b^*_{N}]$$

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



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

System: TLS00

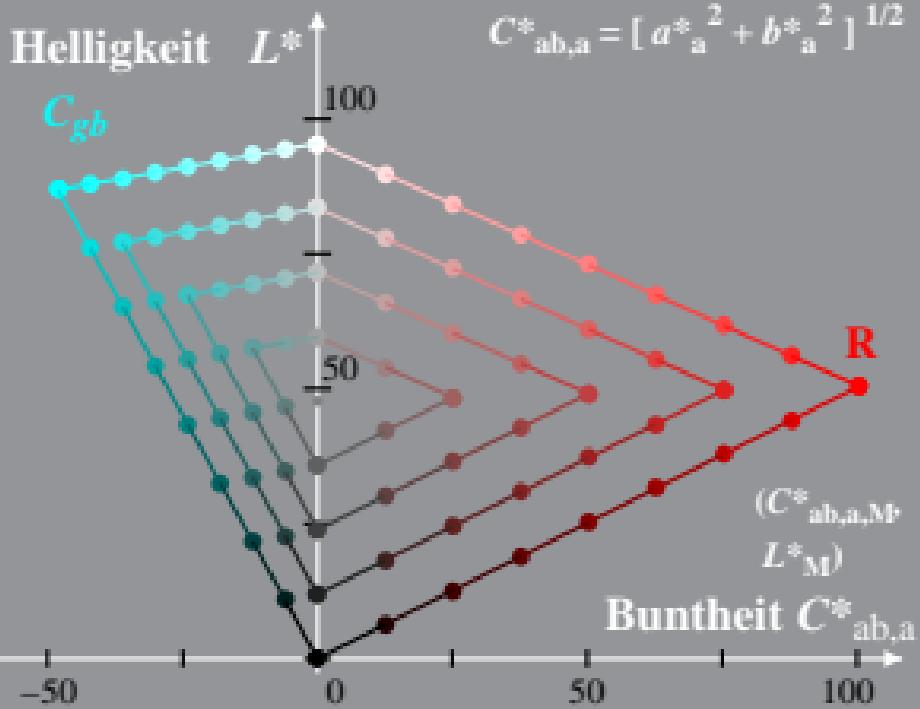
Bunntton: $h^*_R = 38/360$; $h^*_{C_{gb}} = 236/360$

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

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

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

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



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

System: FRS06

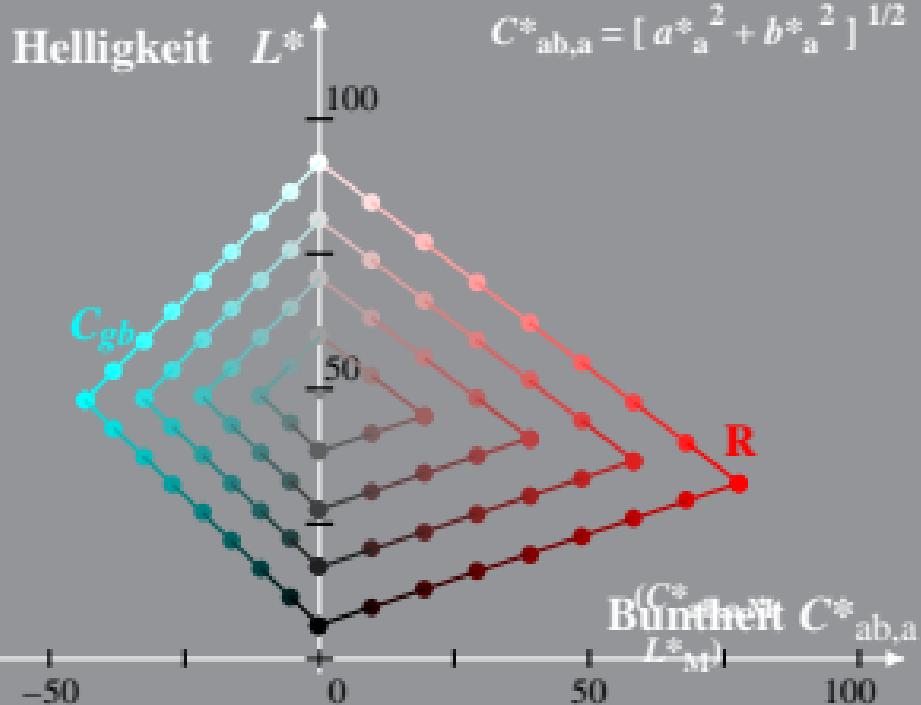
Bunntton: $h^*_R = 38/360$; $h^*_{C_{gb}} = 236/360$

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

$$a_{ab}^* = a^* - a_N^* - l_{lab}^* [a_W^* - a_N^*]$$

$$b_{ab}^* = b^* - b_N^* - l_{lab}^* [b_W^* - b_N^*]$$

$$C_{ab,a}^* = [a_{ab}^{*2} + b_{ab}^{*2}]^{1/2}$$



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

System: TSL18

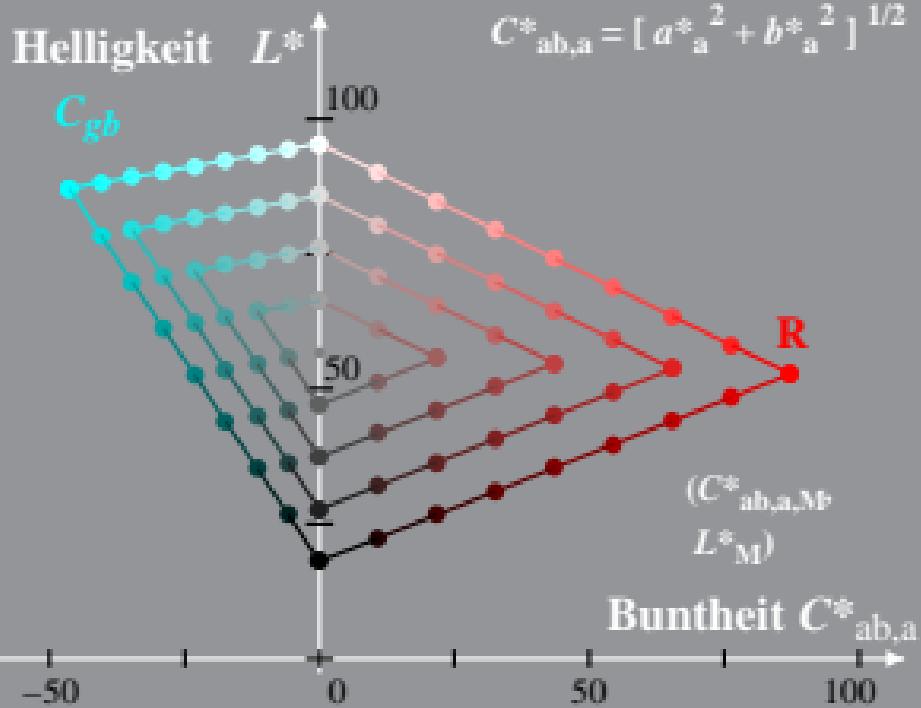
Bunntton: $h^* R = 38/360$; $h^* C_{gb} = 236/360$

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

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

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

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



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

System: NLS00

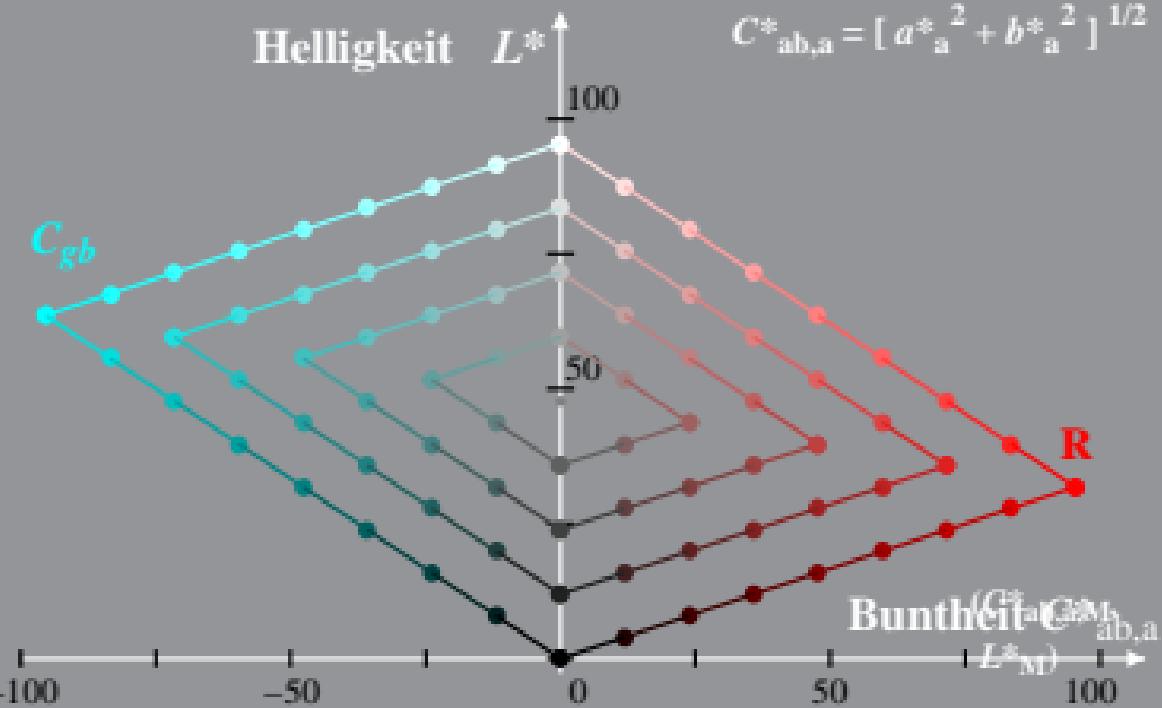
Bunnton: $h^*_R = 38/360$; $h^*_{C_{gb}} = 236/360$

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

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

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

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



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

System: NLS18

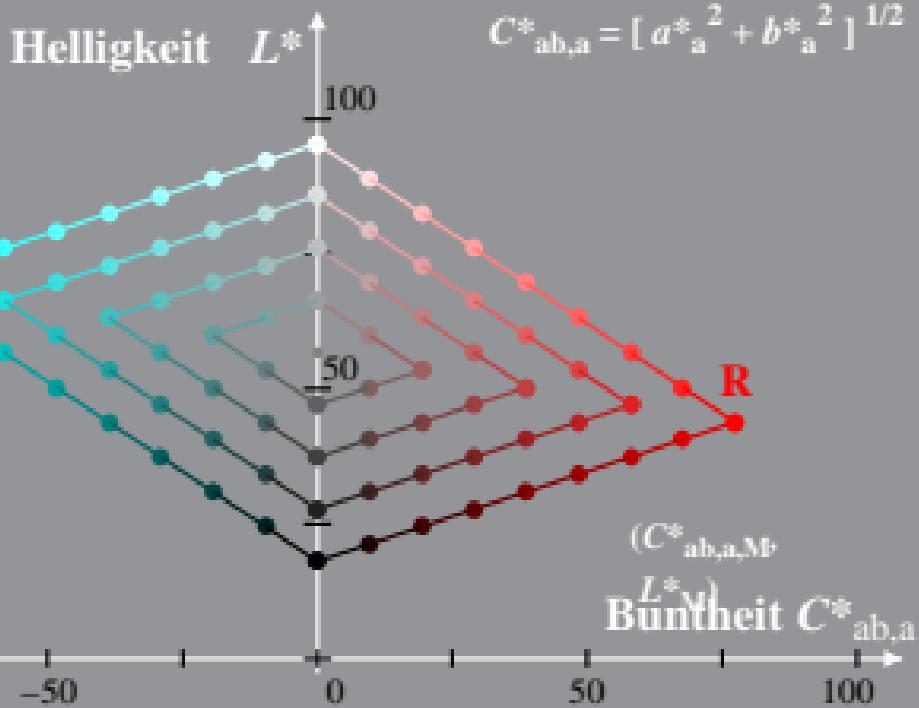
Bunnton: $h^*_R = 38/360$; $h^*_{C_{gb}} = 236/360$

$$l^*_{lab^*} = (L^* - L^*_{N}) / (L^*_{W} - L^*_{N})$$

$$a^*_{a} = a^* - a^*_{N} - l^*_{lab^*} [a^*_{W} - a^*_{N}]$$

$$b^*_{a} = b^* - b^*_{N} - l^*_{lab^*} [b^*_{W} - b^*_{N}]$$

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



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

System: SRS18

Bunntton: $h^*_R = 38/360$; $h^*_{C_{gb}} = 236/360$

$$l^*_{lab^*} = (L^* - L^*_{N}) / (L^*_{W} - L^*_{N})$$

$$a^*_{ab} = a^* - a^*_{N} - l^*_{lab^*} [a^*_{W} - a^*_{N}]$$

$$b^*_{ab} = b^* - b^*_{N} - l^*_{lab^*} [b^*_{W} - b^*_{N}]$$

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

Helligkeit L^*

C_{gb}

R

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

Buntheit $C_{ab,a}^*$

-100

-50

0

50

100

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

System: TLS70

Bunntton: $h^*_R = 38/360$; $h^*_{C_{gb}} = 236/360$

$$l^*_{lab^*} = (L^* - L^*_{N}) / (L^*_{W} - L^*_{N})$$

$$a^*_{ab,a} = a^* - a^*_{N} - l^*_{lab^*} [a^*_{W} - a^*_{N}]$$

$$b^*_{ab,a} = b^* - b^*_{N} - l^*_{lab^*} [b^*_{W} - b^*_{N}]$$

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

