

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

System: HG90_HRS16_96_D65_00%_O0

Bunton: $h^*_{G00B}=162/360$; $h^*_{B50R_{br}}=329/360$

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

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

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

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

Helligkeit L^*

100

50

G00B

B50R

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

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

-100

-50

0

50

100

HG900-3A, 1; cfl=0.90; nt=0.18; nx=1.0

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

System: HG90_HRS16_96_D65_00%_O1 $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Bunton: $h^*_{G00B} = 162/360$; $h^*_{B50R_{br}} = 329/360$ $a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$

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

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

