

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

System: HG91_HRS27_96_D65_00%_O0

Buntton: $h^*_{J00G}=92/360$; $h^*_{B00R}=272/360$

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

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

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

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

Helligkeit L^*

100

J00G

B00R

50

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

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

-100

-50

0

50

100

HG910-2A, 1; cfl=0.95; nt=0.18; nx=1.0

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

System: HG91_HRS27_96_D65_00%_O1

Buntton: $h^*_{J00G}=92/360$; $h^*_{B00R}=272/360$

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

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

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

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

