

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

System: HG91\_HRS27\_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

HG910-3A, 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  $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

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

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

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

