

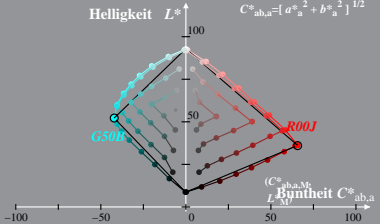
Beziehung CIELAB ( $L^*$ ,  $a^*$ ,  $b^*$ ) und adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*_M$ )

System: HG87\_FRS09\_92\_D65\_00%\_00  $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Bunton:  $h^*_{R00J} = 26/360$ ;  $h^*_{G50B_{gb}} = 217/360$   $a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$

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

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



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

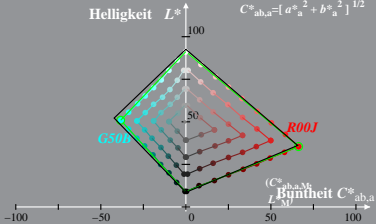
System: HG87\_FRS09\_92\_D65\_00%\_O1  $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Bunton:  $h^*_{R00J} = 26/360$ ;  $h^*_{G50B_{gb}} = 217/360$   $a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$

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

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

Helligkeit  $L^*$



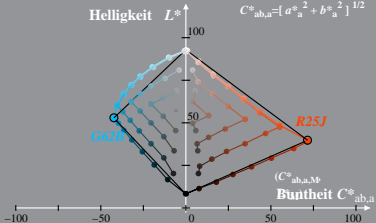
Beziehung CIELAB ( $L^*$ ,  $a^*$ ,  $b^*$ ) und adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ )

System: HG87\_FRS09\_92\_D65\_25%\_00  $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Bunton:  $h^*_{R25J} = 42/360$ ;  $h^*_{G62B_{gb}} = 230/360$   $a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$

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

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



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

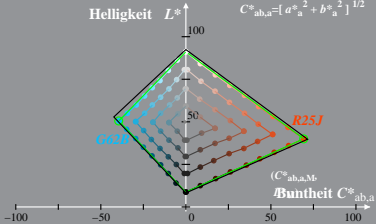
System: HG87\_FRS09\_92\_D65\_25%\_O1  $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Bunton:  $h^*_{R25J} = 42/360$ ;  $h^*_{G62B_{gb}} = 230/360$   $a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$

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

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

Helligkeit  $L^*$



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

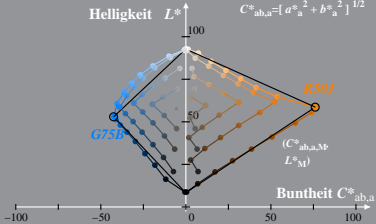
System: HG87\_FRS09\_92\_D65\_50%\_00  $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Bunton:  $h^*_{R50J} = 59/360$ ;  $h^*_{G75B_{gb}} = 244/360$   $a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$

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

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

Helligkeit  $L^*$



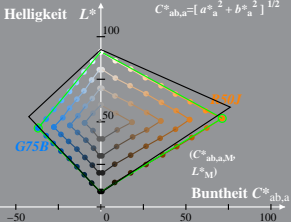
Beziehung CIELAB ( $L^*$ ,  $a^*$ ,  $b^*$ ) und adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ )

System: HG87\_FRS09\_92\_D65\_50%\_O1  $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Bunton:  $h^*_{R50J} = 59/360$ ;  $h^*_{G75B_{gb}} = 244/360$   
 $a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$

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

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



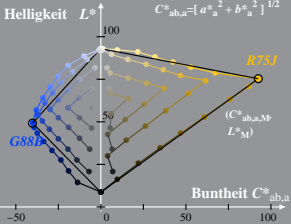
Beziehung CIELAB ( $L^*$ ,  $a^*$ ,  $b^*$ ) und adaptiertes (a) CIELAB ( $C^*_{ab,a}$ ,  $L^*$ )

System: HG87\_FRS09\_92\_D65\_75%\_00  $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Bunton:  $h^*_{R75J} = 75/360$ ;  $h^*_{G88B} = 258/360$   $a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$

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

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



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

System: HG87\_FRS09\_92\_D65\_75%\_O1  $l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$

Bunton:  $h^*_{R75J} = 75/360$ ;  $h^*_{G88B_{gb}} = 258/360$   $a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$

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

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

