Siehe ähnliche Dateien: http://www.ps.bam.de/Dg68/; www.ps.bam.de/Dg.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1

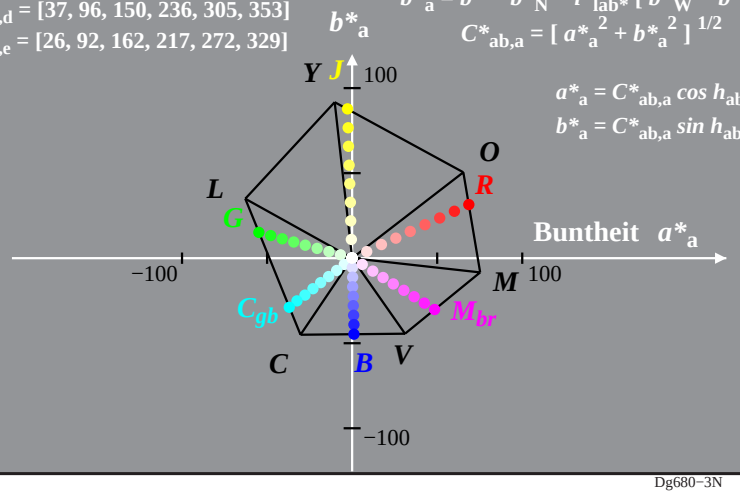
BAM-Registrierung: 20080601-Dg68/10L/L68G00NP.PS /.PDF BAM-Material: Code=rha4ta
Anwendung für Messung von Drucker− oder Monitorsystemen

Beziehung CIELAB (*L, *a**, *b**) und *adaptiertes (a)* CIELAB ($C^*_{ab,a}$, *L**)**
System: ORS18

$l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$
$a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$
$b^*_a = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$
$C^*_{ab,a} = [a^{*2}_a + b^{*2}_a]^{1/2}$

CIELAB-Buntonwinkel:
$h_{ab,d}$ = [37, 96, 150, 236, 305, 353]
$h_{ab,e}$ = [26, 92, 162, 217, 272, 329]

$a^*_a = C^*_{ab,a} \cos h_{ab}$
$b^*_a = C^*_{ab,a} \sin h_{ab}$



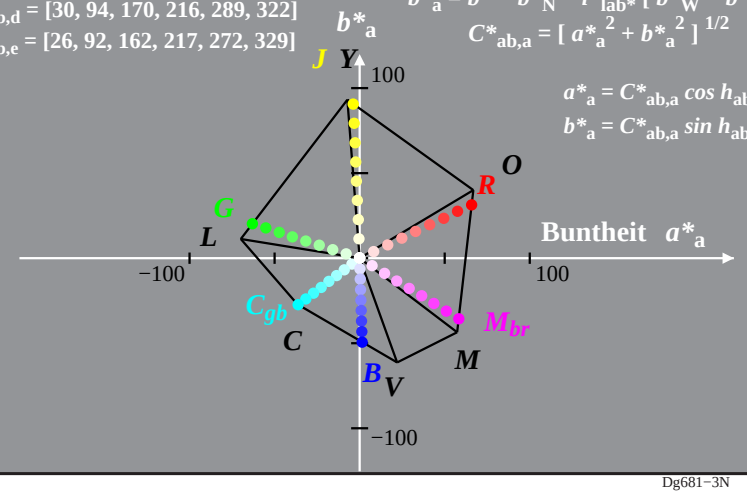
Dg680−3N

Beziehung CIELAB (*L, *a**, *b**) und *adaptiertes (a)* CIELAB ($C^*_{ab,a}$, *L**)**
System: MRS18

$l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$
$a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$
$b^*_a = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$
$C^*_{ab,a} = [a^{*2}_a + b^{*2}_a]^{1/2}$

CIELAB-Buntonwinkel:
$h_{ab,d}$ = [30, 94, 170, 216, 289, 322]
$h_{ab,e}$ = [26, 92, 162, 217, 272, 329]

$a^*_a = C^*_{ab,a} \cos h_{ab}$
$b^*_a = C^*_{ab,a} \sin h_{ab}$



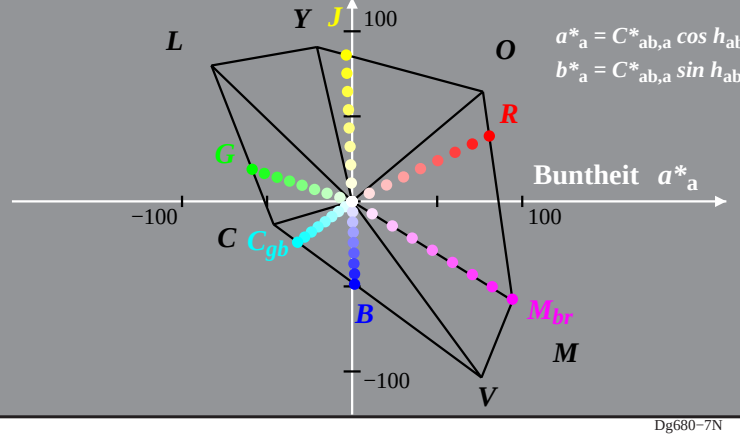
Dg681−3N

Beziehung CIELAB (*L, *a**, *b**) und *adaptiertes (a)* CIELAB ($C^*_{ab,a}$, *L**)**
System: TLS00

$l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$
$a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$
$b^*_a = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$
$C^*_{ab,a} = [a^{*2}_a + b^{*2}_a]^{1/2}$

CIELAB-Buntonwinkel:
$h_{ab,d}$ = [40, 102, 136, 196, 306, 328]
$h_{ab,e}$ = [26, 92, 162, 217, 272, 329]

$a^*_a = C^*_{ab,a} \cos h_{ab}$
$b^*_a = C^*_{ab,a} \sin h_{ab}$



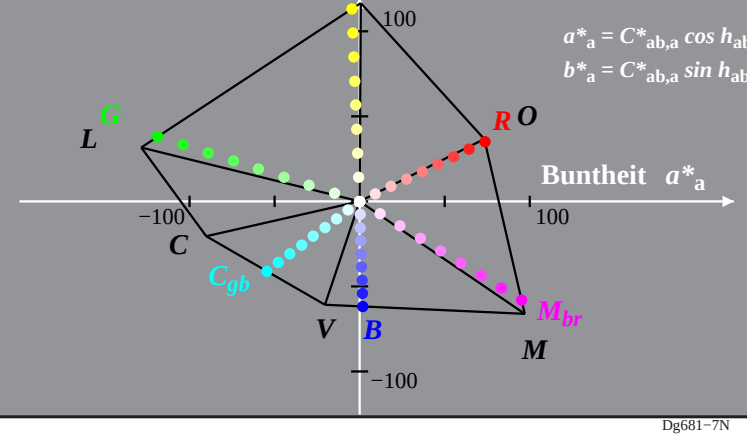
Dg680−7N

Beziehung CIELAB (*L, *a**, *b**) und *adaptiertes (a)* CIELAB ($C^*_{ab,a}$, *L**)**
System: NRS18_b00r

$l^*_{lab^*} = (L^* - L^*_N) / (L^*_W - L^*_N)$
$a^*_a = a^* - a^*_N - l^*_{lab^*} [a^*_W - a^*_N]$
$b^*_a = b^* - b^*_N - l^*_{lab^*} [b^*_W - b^*_N]$
$C^*_{ab,a} = [a^{*2}_a + b^{*2}_a]^{1/2}$

CIELAB-Buntonwinkel:
$h_{ab,d}$ = [26, 89, 166, 192, 251, 325]
$h_{ab,e}$ = [26, 92, 162, 217, 272, 329]

$a^*_a = C^*_{ab,a} \cos h_{ab}$
$b^*_a = C^*_{ab,a} \sin h_{ab}$



Dg681−7N