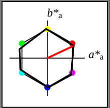
Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18
für Buntton *h* = lab*h = 25/360 = 0.069*
lab*tch* und *lab*nch

D65: Buntton R
LCH*Ma: 57 77 25
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit *t**



CNS18; adaptierte CIELAB-Daten	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_{Ma}	56.7	70.15	32.71	77.4	25
J_{Ma}	56.7	−2.69	77.35	77.4	92
G_{Ma}	56.7	−73.6	23.92	77.4	162
$G50B_{Ma}$	56.7	−71.24	−30.23	77.4	203
B_{Ma}	56.7	2.7	−77.34	77.4	272
$B50R_{Ma}$	56.7	63.4	−44.38	77.4	325
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Umfang
u^*_{rel} = 100
%Regularität
$g^*_{H,rel}$ = 59
$g^*_{C,rel}$ = 100

relative Inform. Technology (IT)
*olvi3** 1.0 1.0 1.0 (1.0)
*cmyn3** 0.0 0.0 0.0 (0.0)
*olvi4** 1.0 1.0 1.0 1.0
*cmyn4** 0.0 0.0 0.0 0.0
standard and *adapted* CIELAB
*LAB*LAB* 95.41 0.0 0.0
*LAB*LABa* 95.41 0.0 0.0
*LAB*TCHa* 99.99 0.01 –
relative CIELAB *lab**
*lab*lab* 1.0 0.0 0.0
*lab*tch* 1.0 0.0 –
*lab*nch* 0.0 0.0 –
relative Natural Colour (NC)
*lab*lrj* 1.0 0.0 0.0
*lab*tce* 1.0 0.0 –
*lab*ncE* 0.0 0.0 –

relative Inform. Technology (IT)
*olvi3** 1.0 0.5 0.5 (1.0)
*cmyn3** 0.0 0.5 0.5 (0.0)
*olvi4** 1.0 0.5 0.5 1.0
*cmyn4** 0.0 0.5 0.5 0.0
standard and *adapted* CIELAB
*LAB*LAB* 76.05 35.07 16.35
*LAB*LABa* 76.05 35.07 16.35
*LAB*TCHa* 75.0 38.69 25.0
relative CIELAB *lab**
*lab*lab* 0.75 0.453 0.211
*lab*tch* 0.75 0.5 0.069
*lab*nch* 0.0 0.5 0.069
relative Natural Colour (NC)
*lab*lrj* 0.75 0.5 −0.002
*lab*tce* 0.75 0.5 0.999
*lab*ncE* 0.0 0.5 b99r

relative Inform. Technology (IT)
*olvi3** 0.5 0.5 0.5 (1.0)
*cmyn3** 0.5 0.5 0.5 (0.0)
*olvi4** 1.0 1.0 1.0 0.5
*cmyn4** 0.0 0.0 0.0 0.5
standard and *adapted* CIELAB
*LAB*LAB* 56.72 0.0 0.0
*LAB*LABa* 56.72 0.0 0.0
*LAB*TCHa* 50.0 0.01 –
relative CIELAB *lab**
*lab*lab* 0.5 0.0 0.0
*lab*tch* 0.5 0.0 –
*lab*nch* 0.5 0.0 –
relative Natural Colour (NC)
*lab*lrj* 0.5 0.0 0.0
*lab*tce* 0.5 0.0 –
*lab*ncE* 0.5 0.0 –

relative Inform. Technology (IT)
*olvi3** 1.0 0.0 0.0 (1.0)
*cmyn3** 0.0 1.0 1.0 (0.0)
*olvi4** 1.0 0.0 0.0 1.0
*cmyn4** 0.0 1.0 1.0 0.0
standard and *adapted* CIELAB
*LAB*LAB* 56.7 70.13 32.7
*LAB*LABa* 56.7 70.13 32.7
*LAB*TCHa* 50.0 77.38 25.0
relative CIELAB *lab**
*lab*lab* 0.5 0.906 0.423
*lab*tch* 0.5 1.0 0.069
*lab*nch* 0.0 1.0 0.069
relative Natural Colour (NC)
*lab*lrj* 0.5 1.0 −0.006
*lab*tce* 0.5 1.0 0.999
*lab*ncE* 0.0 1.0 b99r

relative Inform. Technology (IT)
*olvi3** 0.5 0.0 0.0 (1.0)
*cmyn3** 0.5 1.0 1.0 (0.0)
*olvi4** 1.0 0.5 0.5 0.5
*cmyn4** 0.0 0.5 0.5 0.5
standard and *adapted* CIELAB
*LAB*LAB* 37.36 35.07 16.35
*LAB*LABa* 37.36 35.07 16.35
*LAB*TCHa* 25.01 38.69 25.0
relative CIELAB *lab**
*lab*lab* 0.25 0.453 0.211
*lab*tch* 0.25 0.5 0.069
*lab*nch* 0.5 0.5 0.069
relative Natural Colour (NC)
*lab*lrj* 0.25 0.5 −0.002
*lab*tce* 0.25 0.5 0.999
*lab*ncE* 0.5 0.5 b99r

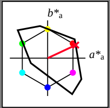
relative Inform. Technology (IT)
*olvi3** 0.0 0.0 0.0 (1.0)
*cmyn3** 1.0 1.0 1.0 (0.0)
*olvi4** 1.0 1.0 1.0 0.0
*cmyn4** 0.0 0.0 0.0 1.0
standard and *adapted* CIELAB
*LAB*LAB* 18.03 0.0 0.0
*LAB*LABa* 18.03 0.0 0.0
*LAB*TCHa* 0.01 0.01 –
relative CIELAB *lab**
*lab*lab* 0.0 0.0 0.0
*lab*tch* 0.0 0.0 –
*lab*nch* 1.0 0.0 –
relative Natural Colour (NC)
*lab*lrj* 0.0 0.0 0.0
*lab*tce* 0.0 0.0 –
*lab*ncE* 1.0 0.0 –

*n** = 0,00
Schwarzheit *n**
0,25 0,50 *n** = 0,50 0,75 1,00
relative Buntheit *c**
*n** = 1,0

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18
für Buntton *h* = lab*h = 25/360 = 0.069*
lab*tch* und *lab*nch

D65: Buntton O
LCH*Ma: 54 82 25
olv*Ma: 1.0 0.0 0.14

Dreiecks-Helligkeit *t**



TLS18; adaptierte CIELAB-Daten	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	52.76	71.63	49.88	87.29	35
Y_{Ma}	92.74	−20.02	84.97	87.3	103
L_{Ma}	84.0	−78.98	73.94	108.2	137
C_{Ma}	87.14	−44.41	−13.11	46.32	196
V_{Ma}	35.47	64.92	−95.06	115.12	304
M_{Ma}	59.01	89.33	−55.67	105.26	328
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Umfang
u^*_{rel} = 118
%Regularität
$g^*_{H,rel}$ = 22
$g^*_{C,rel}$ = 40

relative Inform. Technology (IT)
*olvi3** 1.0 1.0 1.0 (1.0)
*cmyn3** 0.0 0.0 0.0 (0.0)
*olvi4** 1.0 1.0 1.0 1.0
*cmyn4** 0.0 0.0 0.0 0.0
standard and *adapted* CIELAB
*LAB*LAB* 95.41 0.0 0.0
*LAB*LABa* 95.41 0.0 0.0
*LAB*TCHa* 99.99 0.01 –
relative CIELAB *lab**
*lab*lab* 1.0 0.0 0.0
*lab*tch* 1.0 0.0 –
*lab*nch* 0.0 0.0 –
relative Natural Colour (NC)
*lab*lrj* 1.0 0.0 0.0
*lab*tce* 1.0 0.0 –
*lab*ncE* 0.0 0.0 –

relative Inform. Technology (IT)
*olvi3** 1.0 0.5 0.572 (1.0)
*cmyn3** 0.0 0.5 0.428 (0.0)
*olvi4** 1.0 0.5 0.572 1.0
*cmyn4** 0.0 0.5 0.428 0.0
standard and *adapted* CIELAB
*LAB*LAB* 74.53 37.09 17.29
*LAB*LABa* 74.53 37.09 17.29
*LAB*TCHa* 75.0 40.92 25.0
relative CIELAB *lab**
*lab*lab* 0.73 0.453 0.211
*lab*tch* 0.75 0.5 0.069
*lab*nch* 0.0 0.5 0.069
relative Natural Colour (NC)
*lab*lrj* 0.73 0.5 −0.002
*lab*tce* 0.75 0.5 0.999
*lab*ncE* 0.0 0.5 b99r

relative Inform. Technology (IT)
*olvi3** 0.5 0.5 0.5 (1.0)
*cmyn3** 0.5 0.5 0.5 (0.0)
*olvi4** 1.0 1.0 1.0 0.5
*cmyn4** 0.0 0.0 0.0 0.5
standard and *adapted* CIELAB
*LAB*LAB* 56.72 0.0 0.0
*LAB*LABa* 56.72 0.0 0.0
*LAB*TCHa* 50.0 0.01 –
relative CIELAB *lab**
*lab*lab* 0.5 0.0 0.0
*lab*tch* 0.5 0.0 –
*lab*nch* 0.5 0.0 –
relative Natural Colour (NC)
*lab*lrj* 0.5 0.0 0.0
*lab*tce* 0.5 0.0 –
*lab*ncE* 0.5 0.0 –

relative Inform. Technology (IT)
*olvi3** 1.0 0.0 0.145 (1.0)
*cmyn3** 0.0 1.0 0.855 (0.0)
*olvi4** 1.0 0.0 0.145 1.0
*cmyn4** 0.0 1.0 0.855 0.0
standard and *adapted* CIELAB
*LAB*LAB* 53.67 74.18 34.6
*LAB*LABa* 53.67 74.18 34.6
*LAB*TCHa* 50.0 81.85 25.01
relative CIELAB *lab**
*lab*lab* 0.461 0.906 0.423
*lab*tch* 0.5 1.0 0.069
*lab*nch* 0.0 1.0 0.069
relative Natural Colour (NC)
*lab*lrj* 0.461 1.0 −0.006
*lab*tce* 0.5 1.0 0.999
*lab*ncE* 0.0 1.0 b99r

relative Inform. Technology (IT)
*olvi3** 0.5 0.0 0.072 (1.0)
*cmyn3** 0.5 1.0 0.928 (0.0)
*olvi4** 1.0 0.5 0.572 0.5
*cmyn4** 0.0 0.5 0.428 0.5
standard and *adapted* CIELAB
*LAB*LAB* 35.84 37.09 17.3
*LAB*LABa* 35.84 37.09 17.3
*LAB*TCHa* 25.01 40.93 25.01
relative CIELAB *lab**
*lab*lab* 0.23 0.453 0.211
*lab*tch* 0.25 0.5 0.069
*lab*nch* 0.5 0.5 0.069
relative Natural Colour (NC)
*lab*lrj* 0.23 0.5 −0.002
*lab*tce* 0.25 0.5 0.999
*lab*ncE* 0.5 0.5 b99r

relative Inform. Technology (IT)
*olvi3** 0.0 0.0 0.0 (1.0)
*cmyn3** 1.0 1.0 1.0 (0.0)
*olvi4** 1.0 1.0 1.0 0.0
*cmyn4** 0.0 0.0 0.0 1.0
standard and *adapted* CIELAB
*LAB*LAB* 18.03 0.0 0.0
*LAB*LABa* 18.03 0.0 0.0
*LAB*TCHa* 0.01 0.01 –
relative CIELAB *lab**
*lab*lab* 0.0 0.0 0.0
*lab*tch* 0.0 0.0 –
*lab*nch* 1.0 0.0 –
relative Natural Colour (NC)
*lab*lrj* 0.0 0.0 0.0
*lab*tce* 0.0 0.0 –
*lab*ncE* 1.0 0.0 –

*n** = 0,00
Schwarzheit *n**
0,25 0,50 *n** = 0,50 0,75 1,00
relative Buntheit *c**
*n** = 1,0

Siehe ähnliche Dateien: http://www.ps.bam.de/VG61/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1

BAM-Registrierung: 20060101-VG61/L61G00N1.PS/.TXT
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
BAM-Material: Code=rha4ta
/VG61/ Form: 1/10, Serie: 1/1, Seite: 1
Seitenzählung 1

VG610−7, 3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links) 3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (rechts)