www.ps.bam.de/VG31/L31G00N1.PS/.TXT; olv*-Geräte- (links); rgb*-Start- (rechts) Ausgabe
N: Keine Ausgabe-Linearisierung (OL) in Datei (F), Startup (S), Gerät (D)

Siehe ähnliche Dateien: http://www.ps.bam.de/VG31/
Technische Information: http://www.ps.bam.de Version 2.1, io=1.1

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^*

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

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	27	−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	141	−46.46	46.49	272

relative **Inform. Technology (IT)**

*olv13**	1.0	1.0	1.0	(1.0)
*cmyn3**	0.0	0.0	0.0	(0.0)
*olv14**	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*rce*	1.0	0.0		–
*lab*nce*	0.0	0.0		–

relative **Inform. Technology (IT)**

*olv13**	0.5	0.5	0.5	(1.0)
*cmyn3**	0.5	0.5	0.5	(0.0)
*olv14**	1.0	1.0	1.0	1.0
*cmyn4**	0.0	0.0	0.0	0.0

***standard and adapted* CIELAB**

*LAB*LAB*	76.72	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*rce*	0.5	0.0		–
*lab*nce*	0.5	0.0		–

relative **Inform. Technology (IT)**

*olv13**	0.0	0.0	0.0	(1.0)
*cmyn3**	1.0	1.0	1.0	(0.0)
*olv14**	1.0	1.0	1.0	1.0
*cmyn4**	0.0	0.0	0.0	0.0

***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		
*lab*tch*	1.0	0.0		–
*lab*nch*	1.0	0.0		–

***relative* Natural Colour (NC)**

*lab*lrj*	0.0	0.0	0.0	
*lab*rce*	0.0	0.0		–
*lab*nce*	1.0	0.0		–

$n^* = 1{,}0$

relative **Inform. Technology (IT)**

*olv13**	1.0	0.5	0.5	(1.0)
*cmyn3**	0.0	0.5	0.5	(0.0)
*olv14**	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*rce*	0.75	0.5	0.999	
*lab*nce*	0.0	0.5	b99r	

relative **Inform. Technology (IT)**

*olv13**	0.5	0.0	0.0	(1.0)
*cmyn3**	0.5	1.0	1.0	(0.0)
*olv14**	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*	0.0	0.5	0.069	

***relative* Natural Colour (NC)**

*lab*lrj*	0.25	0.5	−0.002	
*lab*rce*	0.25	0.5	0.999	
*lab*nce*	0.5	0.5	b99r	

relative **Inform. Technology (IT)**

*olv13**	0.0	0.0	0.0	(1.0)
*cmyn3**	1.0	1.0	1.0	(0.0)
*olv14**	1.0	1.0	1.0	1.0
*cmyn4**	0.0	0.0	0.0	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*rce*	0.5	1.0	0.999	
*lab*nce*	0.0	1.0	b99r	

$n^* = 0{,}00$

Schwarzheit n^*

0,25 0,50 $n^* = 0{,}50$ 0,75 1,00

relative Buntheit c^*

Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 25/360 = 0.069$
*lab*tch* und *lab*nch*

D65: Buntton R
LCH*Ma: 33 73 25
olv*Ma: 1.0 0.0 0.2

Dreiecks-Helligkeit t^*

%Umfang
$u^*_{rel} = 115$
%Regularität
$g^*_{H,rel} = 28$
$g^*_{C,rel} = 38$

FRS06; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	32.57	62.32	46.49	77.75	37
Y_{Ma}	82.73	−3.16	113.99	114.03	92
L_{Ma}	39.43	−61.79	45.84	76.95	143
C_{Ma}	47.86	−26.79	−34.24	43.49	232
V_{Ma}	10.16	55.12	−61.03	82.24	312
M_{Ma}	34.5	80.68	−33.92	87.52	337
N_{Ma}	6.25	0.0	0.0	0.0	0
W_{Ma}	91.97	0.0	0.0	0.0	0
R_{CIE}	39.92	59.8	31.05	67.38	27
J_{CIE}	81.26	−2.52	76.25	76.29	92
G_{CIE}	52.23	−41.56	17.14	44.96	158
B_{CIE}	30.57	2.63	−43.77	43.86	273

relative **Inform. Technology (IT)**

*olv13**	1.0	1.0	1.0	(1.0)
*cmyn3**	0.0	0.0	0.0	(0.0)
*olv14**	1.0	1.0	1.0	1.0
*cmyn4**	0.0	0.0	0.0	0.0

***standard and adapted* CIELAB**

*LAB*LAB*	91.97	−0.17	−5.11	
*LAB*LABa*	91.97	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*rce*	1.0	0.0		–
*lab*nce*	0.0	0.0		–

relative **Inform. Technology (IT)**

*olv13**	0.5	0.5	0.5	(1.0)
*cmyn3**	0.5	0.5	0.5	(0.0)
*olv14**	1.0	1.0	1.0	1.0
*cmyn4**	0.0	0.0	0.0	0.0

***standard and adapted* CIELAB**

*LAB*LAB*	49.11	0.09	−3.42	
*LAB*LABa*	49.11	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*rce*	0.5	0.0		–
*lab*nce*	0.5	0.0		–

relative **Inform. Technology (IT)**

*olv13**	0.0	0.0	0.0	(1.0)
*cmyn3**	1.0	1.0	1.0	(0.0)
*olv14**	1.0	1.0	1.0	1.0
*cmyn4**	0.0	0.0	0.0	0.0

***standard and adapted* CIELAB**

*LAB*LAB*	6.26	−1.62	−1.73	
*LAB*LABa*	6.26	0.0	0.0	
*LAB*TCHa*	0.01	0.01		–

relative* CIELAB *lab*

*lab*lab*	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*rce*	0.0	0.0		–
*lab*nce*	1.0	0.0		–

$n^* = 1{,}0$

relative **Inform. Technology (IT)**

*olv13**	1.0	0.5	0.598	(1.0)
*cmyn3**	0.0	0.5	0.402	(0.0)
*olv14**	1.0	0.5	0.598	1.0
*cmyn4**	0.0	0.5	0.402	0.0

***standard and adapted* CIELAB**

*LAB*LAB*	62.46	32.27	11.42	
*LAB*LABa*	62.46	32.95	15.36	
*LAB*TCHa*	75.0	36.36	25.0	

relative* CIELAB *lab*

*lab*lab*	0.656	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*	0.656	0.5	−0.016	
*lab*rce*	0.75	0.5	0.999	
*lab*nce*	0.0	0.5	b97r	

relative **Inform. Technology (IT)**

*olv13**	0.5	0.0	0.098	(1.0)
*cmyn3**	0.5	1.0	0.902	(0.0)
*olv14**	1.0	0.5	0.598	0.5
*cmyn4**	0.0	0.5	0.402	0.5

***standard and adapted* CIELAB**

*LAB*LAB*	19.6	31.55	13.12	
*LAB*LABa*	19.6	32.95	15.37	
*LAB*TCHa*	25.01	36.36	25.01	

relative* CIELAB *lab*

*lab*lab*	0.156	0.453	0.211	
*lab*tch*	0.25	0.5	0.069	
*lab*nch*	0.0	0.5	0.069	

***relative* Natural Colour (NC)**

*lab*lrj*	0.156	0.5	−0.016	
*lab*rce*	0.25	0.5	0.995	
*lab*nce*	0.5	0.5	b97r	

relative **Inform. Technology (IT)**

*olv13**	0.0	0.0	0.196	(1.0)
*cmyn3**	0.0	1.0	0.804	(0.0)
*olv14**	0.0	0.0	0.196	1.0
*cmyn4**	0.0	1.0	0.804	0.0

***standard and adapted* CIELAB**

*LAB*LAB*	32.95	64.73	27.95	
*LAB*LABa*	32.95	65.91	30.74	
*LAB*TCHa*	50.0	72.72	25.0	

relative* CIELAB *lab*

*lab*lab*	0.311	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*	0.311	0.999	−0.033	
*lab*rce*	0.5	1.0	0.995	
*lab*nce*	0.0	1.0	b97r	

$n^* = 0{,}00$

Schwarzheit n^*

0,25 0,50 $n^* = 0{,}50$ 0,75 1,00

relative Buntheit c^*

BAM-Registrierung: 20060101-VG31/L31G00N1.PS/.TXT
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
BAM-Material: Code-ähnlich

VG31/L31G00N1.PS/.TXT
Seite 1 von 100, Seite 1/1, Seiten 1
Seitenbeitrag 1

VG310–7, 3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links) 3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (rechts)

BAM-Prüfvorlage VG31; Farbmetrik-Systeme CNS18 & FRS06 input: *olv* setrgbcolor*
D65: 2 Koordinatendaten; 3stufige Farbreihen für 10 Bunttöne output: *no change compared to input*