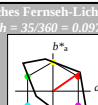
www.ps.bam.de/NG19/10Q/Q19G00F1.PS/.TXT; Linearisierte-Ausgabe
F: Ausgabe-Linearisierung (OL-Daten) NG19/10Q/Q19G00F1.DAT in der Datei (F)

Siehe ähnliche Dateien: http://www.ps.bam.de/NG19/
Technische Information: http://www.ps.bam.de Version 2.1, io=1.1, CIELAB

Eingabe: Farbmetrisches Fernseh-Licht-System 1TLS18
für Buntton $h^* = lab^*h = 35/360 = 0.097$
lab*tch* und *lab*nch

D65: Buntton O
LCH*Ma: 53 87 35
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
$u^*_{oci} = 118$
%Regularität
$g^*_{t,rel} = 22$
$g^*_{c,rel} = 40$

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	−85.06	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

***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	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*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	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*	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	–

***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	0.5
*cmyn4**	0.0	0.0	0.0	0.5

***standard and adapted* CIELAB**

*LAB*LAB*	74.08	35.81	24.94
*LAB*LABa*	74.08	35.81	24.94
*LAB*TCHa*	75.0	43.63	34.85

relative* CIELAB *lab*

*lab*lab*	0.724	0.41	0.286
*lab*tch*	0.75	0.5	0.097
*lab*nch*	0.75	0.5	0.097

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

*lab*lrj*	0.724	0.488	0.109
*lab*rCe*	0.75	0.5	0.035
*lab*nCE*	0.0	0.5	r14j

***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*	35.39	35.81	24.94
*LAB*LABa*	35.39	35.81	24.94
*LAB*TCHa*	25.01	43.63	34.85

relative* CIELAB *lab*

*lab*lab*	0.225	0.41	0.286
*lab*tch*	0.25	0.5	0.097
*lab*nch*	0.25	0.5	0.097

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

*lab*lrj*	0.225	0.488	0.109
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*LAB*LAB*	52.76	71.62	49.87
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*LAB*TCHa*	50.0	87.27	34.85

relative* CIELAB *lab*

*lab*lab*	0.449	0.82	0.571
*lab*tch*	0.5	1.0	0.097
*lab*nch*	0.0	1.0	0.097

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

*lab*lrj*	0.449	0.976	0.218
*lab*rCe*	0.5	1.0	0.035
*lab*nCE*	0.0	1.0	r14j

$n^* = 0.00$

Schwarzheit n^*

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

relative Buntheit c^*

$n^* = 1,0$

Ausgabe: Farbmetrisches Fernseh-Licht-System 1TLS18
für Buntton $h^* = lab^*h = 35/360 = 0.097$
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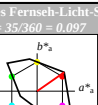

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M_{Ma} 59.01	89.33	−55.67	105.26	328
N_{Ma} 18.01	0.0	0.0	0.0	0
W_{Ma} 95.41	0.0	0.0	0.0	0
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*lab*lab*	1.0	0.0	0.0
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***relative* Natural Colour (NC)**

*lab*lrj*	1.0	0.0	0.0
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***relative* Inform. Technology (IT)**

*olv13**	0.5	0.5	0.5	(1.0)
*cmyn3**	0.5	0.5	0.5	(0.0)
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*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	0.0
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$n^* = 0.00$

Schwarzheit n^*

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

relative Buntheit c^*

$n^* = 1,0$

BAM-Registrierung: 20060101-NG19/10Q/Q19G00F1.PS/.TXT BAM-Material: Code−rhäata
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
NG19; Form 100; Seite 1/1, Seiten 1 Seitenwiederholung 1

NG190−7, 3 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.097 (links) 3 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.097 (rechts)

BAM-Prüfvorlage NG19; Farbmetrik-Systeme TLS18 & TLS18 input: *olv* setrgbcolor*
D65: 2 Koordinatendaten; 3stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*