

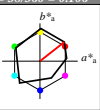
Stiche ähnliche Dateien: <http://www.ps.bam.de/RGB10/>
 Technische Informationen: <http://www.ps.bam.de/Version 2.1, io=1,1>

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.106$
 lab^*ch und lab^*nch

A: Buntton 0
 LCH*Ma: 48 82 38
 olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit l^*



ORS18; adaptierte CIELAB-Daten

	L^*	a^*	b^*	C^*_{ab}	h^*_{ab}
OMa	47.94	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.69	-63.82	50.23	72.81	151
CMa	51.25	-53.68	-57.69	78.82	227
VMa	25.72	30.34	-44.37	53.76	204
MMa	56.25	70.59	7.57	70.99	6
NMa	18.11	0.00	0.00	0.00	0
WMa	95.6	0.00	0.00	0.00	0
RCeI	47.79	60.85	41.08	73.41	34
CIeI	83.82	6.52	66.9	67.22	84
GCeI	49.0	-36.83	2.78	36.95	176
BCEI	25.14	-18.35	-56.22	59.15	252

% Umfang
 $u^*_{rel} = 96$
 % Regularität
 $g^*_{rel} = -385$
 $g^*_{C,rel} = 62$

relative Inform. Technology (IT)
 $olv^{i*} = 1.0$ 1.0 1.0 (1.0)
 $olv^{j*} = 0.0$ 0.0 0.0 (0.0)
 $olv^{k*} = 1.0$ 1.0 1.0 (1.0)
 $olv^{l*} = 0.0$ 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.6 0.43 4.65
 LAB*LABa 95.6 0.0 0.0
 LAB*TCHe 99.99 0.01 -

relative CIELAB lab*
 $lab^*lab = 1.0$ 0.5 0.0 0.0
 $lab^*ch = 1.0$ 0.0 0.0 -

relative Natural Colour (NC)
 $lab^*l^*r = 1.0$ 0.0 0.0
 $lab^*l^*c = 1.0$ 0.0 0.0
 $lab^*n^*c = 0.0$ 0.0 0.0 -

standard and adapted CIELAB
 LAB*LAB 56.86 8.2 2.08
 LAB*LABa 56.86 0.0 0.0
 LAB*TCHe 50.0 0.01 -

relative CIELAB lab*
 $lab^*lab = 0.5$ 0.0 0.0
 $lab^*ch = 0.5$ 0.0 0.0
 $lab^*nch = 0.5$ 0.0 0.0 -

relative Natural Colour (NC)
 $lab^*l^*r = 0.5$ 0.0 0.0
 $lab^*l^*c = 0.5$ 0.0 0.0
 $lab^*n^*c = 0.5$ 0.0 0.0 -

standard and adapted CIELAB
 LAB*LAB 18.12 1.18 -0.49
 LAB*LABa 18.12 0.0 0.0
 LAB*TCHe 18.12 0.01 0.01 -

relative CIELAB lab*
 $lab^*lab = 0.0$ 0.0 0.0
 $lab^*ch = 0.0$ 0.0 0.0
 $lab^*nch = 0.0$ 0.0 0.0 -

relative Inform. Technology (IT)
 $olv^{i*} = 1.0$ 0.5 0.5 (1.0)
 $olv^{j*} = 0.0$ 0.5 0.5 (0.0)
 $olv^{k*} = 1.0$ 0.5 0.5 (1.0)
 $olv^{l*} = 0.0$ 0.5 0.5 (0.0)

standard and adapted CIELAB
 LAB*LAB 71.77 32.86 22.86
 LAB*LABa 71.77 32.3 25.28
 LAB*TCHe 75.0 40.94 38.14

relative CIELAB lab*
 $lab^*lab = 0.692$ 0.393 0.309
 $lab^*ch = 0.75$ 0.5 0.106
 $lab^*nch = 0.0$ 0.5 0.106

relative Natural Colour (NC)
 $lab^*l^*r = 0.692$ 0.496 0.064
 $lab^*l^*c = 0.75$ 0.5 0.02
 $lab^*n^*c = 0.0$ 0.5 0.08

standard and adapted CIELAB
 LAB*LAB 33.03 33.24 25.79
 LAB*LABa 33.03 32.2 25.28
 LAB*TCHe 25.01 40.94 38.14

relative CIELAB lab*
 $lab^*lab = 0.193$ 0.393 0.309
 $lab^*ch = 0.25$ 0.5 0.106
 $lab^*nch = 0.0$ 0.5 0.106

relative Natural Colour (NC)
 $lab^*l^*r = 0.193$ 0.496 0.064
 $lab^*l^*c = 0.25$ 0.5 0.02
 $lab^*n^*c = 0.0$ 0.5 0.08

relative Inform. Technology (IT)
 $olv^{i*} = 1.0$ 0.0 0.0 (1.0)
 $olv^{j*} = 1.0$ 0.0 0.0 (1.0)
 $olv^{k*} = 1.0$ 0.0 0.0 (1.0)
 $olv^{l*} = 0.0$ 0.0 0.0 (0.0)

standard and adapted CIELAB
 LAB*LAB 47.94 65.3 52.06
 LAB*LABa 47.94 64.41 50.57
 LAB*TCHe 50.0 81.89 38.14

relative CIELAB lab*
 $lab^*lab = 0.385$ 0.786 0.617
 $lab^*ch = 0.5$ 1.0 0.106
 $lab^*nch = 0.0$ 1.0 0.106

relative Natural Colour (NC)
 $lab^*l^*r = 0.385$ 0.992 0.128
 $lab^*l^*c = 0.5$ 1.0 0.02
 $lab^*n^*c = 0.0$ 1.0 0.08

standard and adapted CIELAB
 LAB*LAB 0.03 0.0 0.0
 LAB*LABa 0.03 0.0 0.0
 LAB*TCHe 0.01 0.01 0.01 -

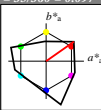
relative CIELAB lab*
 $lab^*lab = 0.0$ 0.0 0.0
 $lab^*ch = 0.0$ 0.0 0.0
 $lab^*nch = 0.0$ 0.0 0.0 -

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 35/360 = 0.097$
 lab^*ch und lab^*nch

A: Buntton 0
 LCH*Ma: 66 90 35
 olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit l^*



TLS00; adaptierte CIELAB-Daten

	L^*	a^*	b^*	C^*_{ab}	h^*_{ab}
OMa	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	77.48	-92.97	36.0	99.71	159
CMa	78.36	-82.69	-22.74	85.77	195
VMa	12.55	38.81	-114.81	121.2	289
MMa	66.71	76.08	-29.8	81.71	339
NMa	0.01	0.00	0.00	0.00	0
WMa	95.41	0.00	0.00	0.00	0
RCeI	67.79	61.74	42.56	74.99	35
CIeI	88.82	7.06	70.78	71.13	84
GCeI	39.0	-33.95	4.34	36.22	173
BCEI	25.14	-17.24	-56.24	58.84	253

% Umfang
 $u^*_{rel} = 141$
 % Regularität
 $g^*_{rel} = 39$
 $g^*_{C,rel} = 43$

relative Inform. Technology (IT)
 $olv^{i*} = 1.0$ 1.0 1.0 (1.0)
 $olv^{j*} = 0.0$ 0.0 0.0 (0.0)
 $olv^{k*} = 1.0$ 1.0 1.0 (1.0)
 $olv^{l*} = 0.0$ 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*TCHe 99.99 0.01 -

relative CIELAB lab*
 $lab^*lab = 1.0$ 0.0 0.0
 $lab^*ch = 1.0$ 0.0 0.0
 $lab^*nch = 0.0$ 0.0 0.0 -

relative Natural Colour (NC)
 $lab^*l^*r = 1.0$ 0.0 0.0
 $lab^*l^*c = 1.0$ 0.0 0.0
 $lab^*n^*c = 0.0$ 0.0 0.0 -

standard and adapted CIELAB
 LAB*LAB 47.72 0.0 0.0
 LAB*LABa 47.72 0.0 0.0
 LAB*TCHe 50.0 0.0 0.0 -

relative CIELAB lab*
 $lab^*lab = 0.5$ 0.0 0.0
 $lab^*ch = 0.5$ 0.0 0.0
 $lab^*nch = 0.5$ 0.0 0.0 -

relative Natural Colour (NC)
 $lab^*l^*r = 0.5$ 0.0 0.0
 $lab^*l^*c = 0.5$ 0.0 0.0
 $lab^*n^*c = 0.5$ 0.0 0.0 -

relative Inform. Technology (IT)
 $olv^{i*} = 1.0$ 0.5 0.5 (1.0)
 $olv^{j*} = 0.0$ 0.5 0.5 (0.0)
 $olv^{k*} = 1.0$ 0.5 0.5 (1.0)
 $olv^{l*} = 0.0$ 0.5 0.5 (0.0)

standard and adapted CIELAB
 LAB*LAB 30.48 36.66 35.69
 LAB*LABa 30.48 36.66 25.69
 LAB*TCHe 75.0 44.77 35.02

relative CIELAB lab*
 $lab^*lab = 0.843$ 0.409 0.287
 $lab^*ch = 0.75$ 0.5 0.097
 $lab^*nch = 0.0$ 0.5 0.097

relative Natural Colour (NC)
 $lab^*l^*r = 0.843$ 0.5 0.007
 $lab^*l^*c = 0.75$ 0.5 0.002
 $lab^*n^*c = 0.0$ 0.5 0.001

standard and adapted CIELAB
 LAB*LAB 32.79 36.66 25.69
 LAB*LABa 32.79 36.66 25.69
 LAB*TCHe 25.01 44.77 35.02

relative CIELAB lab*
 $lab^*lab = 0.344$ 0.409 0.287
 $lab^*ch = 0.25$ 0.5 0.097
 $lab^*nch = 0.0$ 0.5 0.097

relative Natural Colour (NC)
 $lab^*l^*r = 0.344$ 0.5 0.007
 $lab^*l^*c = 0.25$ 0.5 0.002
 $lab^*n^*c = 0.0$ 0.5 0.001

relative Inform. Technology (IT)
 $olv^{i*} = 1.0$ 0.0 0.0 (1.0)
 $olv^{j*} = 0.0$ 0.0 0.0 (0.0)
 $olv^{k*} = 1.0$ 0.0 0.0 (1.0)
 $olv^{l*} = 0.0$ 0.0 0.0 (0.0)

standard and adapted CIELAB
 LAB*LAB 65.56 73.33 51.38
 LAB*LABa 65.56 73.33 51.38
 LAB*TCHe 50.0 89.53 35.02

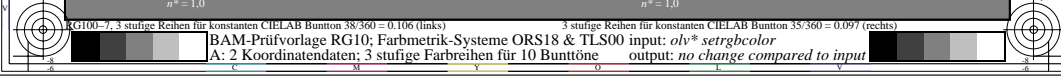
relative CIELAB lab*
 $lab^*lab = 0.687$ 0.819 0.574
 $lab^*ch = 0.5$ 1.0 0.097
 $lab^*nch = 0.0$ 1.0 0.097

relative Natural Colour (NC)
 $lab^*l^*r = 0.687$ 1.0 0.002
 $lab^*l^*c = 0.5$ 1.0 0.002
 $lab^*n^*c = 0.0$ 1.0 0.001

standard and adapted CIELAB
 LAB*LAB 0.03 0.0 0.0
 LAB*LABa 0.03 0.0 0.0
 LAB*TCHe 0.01 0.01 0.01 -

relative CIELAB lab*
 $lab^*lab = 0.0$ 0.0 0.0
 $lab^*ch = 0.0$ 0.0 0.0
 $lab^*nch = 0.0$ 0.0 0.0 -

BAM-Registrierung: 20060101-RGB10/L10G00N1.PS/TXT
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorstemen
 BAM-Material-Code=thada
 RGB10-7, 3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.106 (links)
 3 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.097 (rechts)



BAM-Prüfvorlage RGB10; Farbmetrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor
 A: 2 Koordinatendaten; 3 stufige Farbreihen für 10 Bunttöne output: no change compared to input