

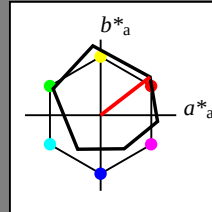
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$ lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma} 47.94	65.39	50.52	82.63	38
Y _{Ma} 90.37	-10.26	91.75	92.32	96
L _{Ma} 50.9	-62.83	34.96	71.91	151
C _{Ma} 58.62	-30.34	-45.01	54.3	236
V _{Ma} 25.72	31.1	-44.4	54.22	305
M _{Ma} 48.13	75.28	-8.36	75.74	354
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	58.66	26.98	64.57	25
J _{CIE} 81.26	-2.16	67.76	67.79	92
G _{CIE} 52.23	-42.25	11.76	43.87	164
B _{CIE} 30.57	1.15	-46.84	46.86	271

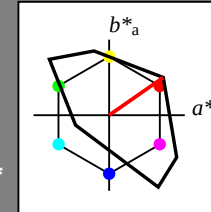
Ausgabe: Farbmétrisches Fernseh-Licht-System TLS18

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

 $u^*_{rel} = 118$

%Regularität

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

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	-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

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*TCa	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*	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*TCa	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*	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*TCa	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	-

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	74.08	35.81	24.94
LAB*LABa	74.08	35.81	24.94
LAB*TCa	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	0.0	0.5	0.097

relative Natural Colour (NC)

lab*lrj	0.724	0.488	0.109
lab*tce	0.75	0.5	0.035
lab*nce	0.0	0.5	r14j

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	35.39	35.81	24.94
LAB*LABa	35.39	35.81	24.94
LAB*TCa	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	0.5	0.5	0.097

relative Natural Colour (NC)

lab*lrj	0.225	0.488	0.109
lab*tce	0.25	0.5	0.035
lab*nce	0.5	0.5	r14j

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	52.76	71.62	49.87
LAB*LABa	52.76	71.62	49.87
LAB*TCa	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*tce	0.5	1.0	0.035
lab*nce	0.0	1.0	r14j

Siehe ähnliche Dateien: <http://www.ps.bam.de/NG01/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1?

BAM-Registrierung: 20060101-NG01/10S/S01G00SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/NG01/ Form: 1/10, Serie: 1/1, Seite: 1
Satzanzahlung 1

NG010-7, 3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

3 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.097 (rechts)

BAM-Prüfvorlage NG01; Farbmétrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

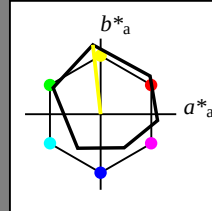
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 96/360 = 0.268$ lab^*tch und lab^*nch

D65: Buntton Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa 47.94	65.39	50.52	82.63	38
YMa 90.37	-10.26	91.75	92.32	96
LMa 50.9	-62.83	34.96	71.91	151
CMa 58.62	-30.34	-45.01	54.3	236
VMa 25.72	31.1	-44.4	54.22	305
MMa 48.13	75.28	-8.36	75.74	354
NMa 18.01	0.0	0.0	0.0	0
WMa 95.41	0.0	0.0	0.0	0
RCIE 39.92	58.66	26.98	64.57	25
JCIE 81.26	-2.16	67.76	67.79	92
GCIE 52.23	-42.25	11.76	43.87	164
BCIE 30.57	1.15	-46.84	46.86	271

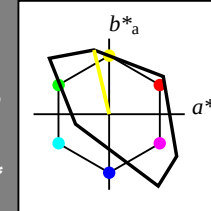
Ausgabe: Farbmétrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 103/360 = 0.287$ lab^*tch und lab^*nch

D65: Buntton Y

LCH*Ma: 93 87 103

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

%Regularität

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

TLS18; adaptierte CIELAB-Daten

$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa 52.76	71.63	49.88	87.29	35
YMa 92.74	-20.02	84.97	87.3	103
LMa 84.0	-78.98	73.94	108.2	137
CMa 87.14	-44.41	-13.11	46.32	196
VMa 35.47	64.92	-95.06	115.12	304
MMa 59.01	89.33	-55.67	105.26	328
NMa 18.01	0.0	0.0	0.0	0
WMa 95.41	0.0	0.0	0.0	0
RCIE 39.92	58.74	27.99	65.07	25
JCIE 81.26	-2.88	71.56	71.62	92
GCIE 52.23	-42.41	13.6	44.55	162
BCIE 30.57	1.41	-46.46	46.49	272

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*TCa	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*	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*TCa	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*	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*TCa	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	-

relative Inform. Technology (IT)

olvi3*	1.0	1.0	0.5	(1.0)
cmyn3*	0.0	0.0	0.5	(0.0)
olvi4*	1.0	1.0	0.5	1.0
cmyn4*	0.0	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	94.07	-10.0	42.48
LAB*LABa	94.07	-10.0	42.48
LAB*TCa	75.0	43.64	103.26

relative CIELAB lab*

lab*lab	0.983	-0.114	0.487
lab*tch	0.75	0.5	0.287
lab*nch	0.0	0.5	0.287

relative Natural Colour (NC)

lab*lrj	0.983	-0.121	0.485
lab*tce	0.75	0.5	0.289
lab*nce	0.0	0.5	j15g

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.0	(1.0)
cmyn3*	0.5	0.5	1.0	(0.0)
olvi4*	1.0	1.0	0.5	0.5
cmyn4*	0.0	0.0	0.5	0.5

standard and adapted CIELAB

LAB*LAB	55.38	-10.0	42.48
LAB*LABa	55.38	-10.0	42.48
LAB*TCa	25.01	43.64	103.26

relative CIELAB lab*

lab*lab	0.483	-0.114	0.487
lab*tch	0.25	0.5	0.287
lab*nch	0.5	0.5	0.287

relative Natural Colour (NC)

lab*lrj	0.483	-0.121	0.485
lab*tce	0.25	0.5	0.289
lab*nce	0.5	0.5	j15g

relative Inform. Technology (IT)

olvi3*	1.0	1.0	0.0	(1.0)
cmyn3*	0.0	0.0	1.0	(0.0)
olvi4*	1.0	1.0	0.0	1.0
cmyn4*	0.0	0.0	1.0	0.0

standard and adapted CIELAB

LAB*LAB	92.73	-20.02	84.95
LAB*LABa	92.73	-20.02	84.95
LAB*TCa	50.0	87.28	103.26

relative CIELAB lab*

lab*lab	0.965	-0.228	0.973
lab*tch	0.5	1.0	0.287
lab*nch	0.0	1.0	0.287

relative Natural Colour (NC)

lab*lrj	0.965	-0.243	0.97
lab*tce	0.5	1.0	0.289
lab*nce	0.0	1.0	j15g

relative Buntheit c^*

0,25 0,50 0,75 1,00

$n^* = 0,00$

$n^* = 0,50$

$n^* = 1,0$

Schwarzheit n^*

relative Buntheit c^*

0,25 0,50 0,75 1,00

$n^* = 0,00$

$n^* = 0,50$

$n^* = 1,0$

Schwarzheit n^*

NG010-7, 3 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

3 stufige Reihen für konstanten CIELAB Buntton 103/360 = 0.287 (rechts)

BAM-Prüfvorlage NG01; Farbmétrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependant

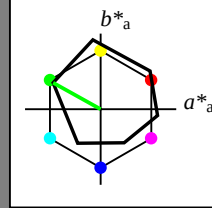
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.419$ lab^*tch und lab^*nch

D65: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
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	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

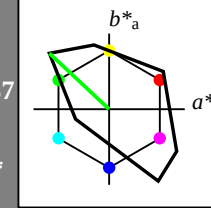
Ausgabe: Farbmétrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 137/360 = 0.38$ lab^*tch und lab^*nch

D65: Buntton L

LCH*Ma: 84 108 137

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

%Regularität

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

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	-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

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)
 $olvi3^*$ 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)
 $olvi3^*$ 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 -

relative Inform. Technology (IT)
 $olvi3^*$ 0.5 1.0 0.5 (1.0)
 $cmyn3^*$ 0.5 0.0 0.5 (0.0)
 $olvi4^*$ 0.5 1.0 0.5 1.0
 $cmyn4^*$ 0.5 0.0 0.5 0.0

standard and adapted CIELAB
 LAB^*LAB 89.7 -39.48 36.96
 LAB^*LABa 89.7 -39.48 36.96
 LAB^*TCHa 75.0 54.09 136.89

relative CIELAB lab*
 lab^*lab 0.926 -0.364 0.342
 lab^*tch 0.75 0.5 0.38
 lab^*nch 0.0 0.5 0.38

relative Natural Colour (NC)
 lab^*lrj 0.926 -0.42 0.269
 lab^*tce 0.75 0.5 0.409
 lab^*nce 0.0 0.5 163g

relative Inform. Technology (IT)
 $olvi3^*$ 0.0 0.5 0.0 (1.0)
 $cmyn3^*$ 0.5 0.5 1.0 (0.0)
 $olvi4^*$ 0.5 1.0 0.5 0.5
 $cmyn4^*$ 0.5 0.0 0.5 0.5

standard and adapted CIELAB
 LAB^*LAB 51.01 -39.48 36.96
 LAB^*LABa 51.01 -39.48 36.96
 LAB^*TCHa 25.01 54.09 136.89

relative CIELAB lab*
 lab^*lab 0.426 -0.364 0.342
 lab^*tch 0.25 0.5 0.38
 lab^*nch 0.5 0.5 0.38

relative Natural Colour (NC)
 lab^*lrj 0.426 -0.42 0.269
 lab^*tce 0.25 0.5 0.409
 lab^*nce 0.5 0.5 163g

relative Inform. Technology (IT)
 $olvi3^*$ 0.0 1.0 0.0 (1.0)
 $cmyn3^*$ 1.0 0.0 1.0 (0.0)
 $olvi4^*$ 0.0 1.0 0.0 1.0
 $cmyn4^*$ 1.0 0.0 1.0 0.0

standard and adapted CIELAB
 LAB^*LAB 83.99 -78.96 73.93
 LAB^*LABa 83.99 -78.96 73.93
 LAB^*TCHa 50.0 108.18 136.89

relative CIELAB lab*
 lab^*lab 0.853 -0.729 0.683
 lab^*tch 0.5 1.0 0.38
 lab^*nch 0.0 1.0 0.38

relative Natural Colour (NC)
 lab^*lrj 0.853 -0.841 0.539
 lab^*tce 0.5 1.0 0.409
 lab^*nce 0.0 1.0 163g

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

Schwarzheit n^*

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

Schwarzheit n^*

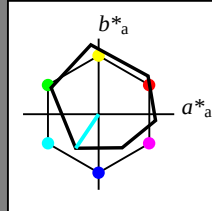
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 236/360 = 0.656$ lab^*tch und lab^*nch

D65: Buntton C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
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	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

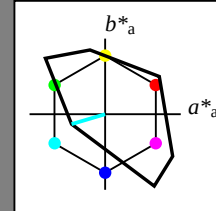
Ausgabe: Farbmétrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 196/360 = 0.546$ lab^*tch und lab^*nch

D65: Buntton C

LCH*Ma: 87 46 196

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

%Regularität

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

TLS18; adaptierte CIELAB-Daten

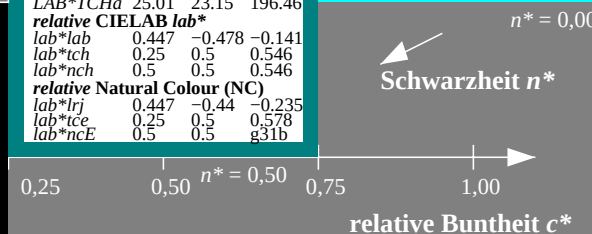
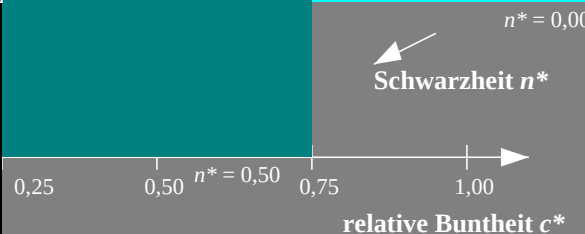
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	52.76	71.63	49.88	87.29	35
Y _{Ma}	92.74	-20.02	84.97	87.3	103
L _{Ma}	84.0	-78.98	73.94	108.2	137
C _{Ma}	87.14	-44.41	-13.11	46.32	196
V _{Ma}	35.47	64.92	-95.06	115.12	304
M _{Ma}	59.01	89.33	-55.67	105.26	328
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{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

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*TCa	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*	0.5	1.0	1.0	(1.0)
cmyn3*	0.5	0.0	0.0	(0.0)
olvi4*	0.5	1.0	1.0	1.0
cmyn4*	0.5	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	91.27	-22.2	-6.55	
LAB*LABa	91.27	-22.2	-6.55	
LAB*TCa	75.0	23.15	196.46	
relative CIELAB lab*				
lab*lab	0.946	-0.478	-0.141	
lab*tch	0.75	0.5	0.546	
lab*nch	0.0	0.5	0.546	
relative Natural Colour (NC)				
lab*lrj	0.946	-0.44	-0.235	
lab*tce	0.75	0.5	0.578	
lab*nce	0.0	0.5	g31b	

relative Inform. Technology (IT)				
olvi3*	0.0	0.5	0.5	(1.0)
cmyn3*	1.0	0.5	0.5	(0.0)
olvi4*	0.5	1.0	1.0	0.5
cmyn4*	0.5	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	52.58	-22.2	-6.55	
LAB*LABa	52.58	-22.2	-6.55	
LAB*TCa	25.01	23.15	196.46	
relative CIELAB lab*				
lab*lab	0.447	-0.478	-0.141	
lab*tch	0.25	0.5	0.546	
lab*nch	0.5	0.5	0.546	
relative Natural Colour (NC)				
lab*lrj	0.447	-0.44	-0.235	
lab*tce	0.25	0.5	0.578	
lab*nce	0.5	0.5	g31b	

relative Inform. Technology (IT)				
olvi3*	0.0	1.0	1.0	(1.0)
cmyn3*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	1.0	1.0	1.0
cmyn4*	1.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	87.13	-44.4	-13.11	
LAB*LABa	87.13	-44.4	-13.11	
LAB*TCa	50.0	46.31	196.46	
relative CIELAB lab*				
lab*lab	0.893	-0.958	-0.282	
lab*tch	0.5	1.0	0.546	
lab*nch	0.0	1.0	0.546	
relative Natural Colour (NC)				
lab*lrj	0.893	-0.881	-0.47	
lab*tce	0.5	1.0	0.578	
lab*nce	0.0	1.0	g31b	



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*TCa	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	-	

3 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.546 (rechts)

NG010-7, 3 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)

BAM-Prüfvorlage NG01; Farbmétrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

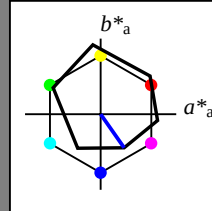
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 305/360 = 0.847$ lab^*tch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
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	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

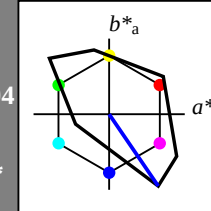
Ausgabe: Farbmétrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 304/360 = 0.845$ lab^*tch und lab^*nch

D65: Buntton V

LCH*Ma: 35 115 304

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

%Regularität

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

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	-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

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*TCa	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	-	

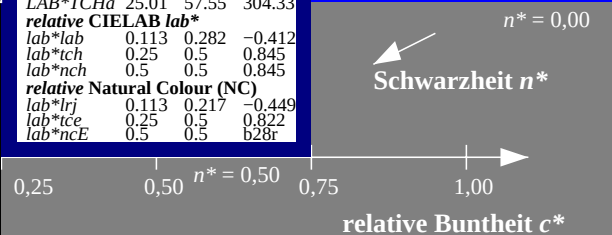
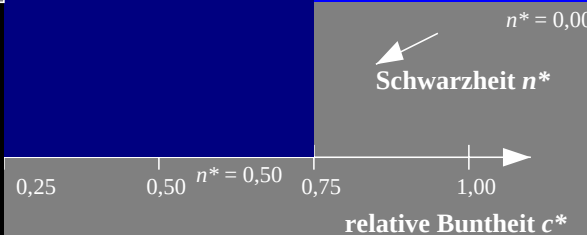
relative Inform. Technology (IT)				
olvi3*	0.5	0.5	1.0	(1.0)
cmyn3*	0.5	0.5	0.0	(0.0)
olvi4*	0.5	0.5	1.0	1.0
cmyn4*	0.5	0.5	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	65.44	32.45	-47.52	
LAB*LABa	65.44	32.45	-47.52	
LAB*TCa	75.0	57.55	304.33	
relative CIELAB lab*				
lab*lab	0.613	0.282	-0.412	
lab*tch	0.75	0.5	0.845	
lab*nch	0.0	0.5	0.845	
relative Natural Colour (NC)				
lab*lrj	0.613	0.217	-0.449	
lab*tce	0.75	0.5	0.822	
lab*nce	0.0	0.5	0.822	

relative Inform. Technology (IT)				
olvi3*	0.0	0.0	0.5	(1.0)
cmyn3*	1.0	1.0	0.5	(0.0)
olvi4*	0.5	0.5	1.0	0.5
cmyn4*	0.5	0.5	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	26.75	32.45	-47.52	
LAB*LABa	26.75	32.45	-47.52	
LAB*TCa	25.01	57.55	304.33	
relative CIELAB lab*				
lab*lab	0.113	0.282	-0.412	
lab*tch	0.25	0.5	0.845	
lab*nch	0.5	0.5	0.845	
relative Natural Colour (NC)				
lab*lrj	0.113	0.217	-0.449	
lab*tce	0.25	0.5	0.822	
lab*nce	0.5	0.5	0.822	

relative Inform. Technology (IT)				
olvi3*	0.0	0.0	1.0	(1.0)
cmyn3*	1.0	1.0	0.0	(0.0)
olvi4*	0.0	0.0	1.0	1.0
cmyn4*	1.0	1.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	35.47	64.91	-95.04	
LAB*LABa	35.47	64.91	-95.04	
LAB*TCa	50.0	115.1	304.33	
relative CIELAB lab*				
lab*lab	0.226	0.564	-0.825	
lab*tch	0.5	1.0	0.845	
lab*nch	0.0	1.0	0.845	
relative Natural Colour (NC)				
lab*lrj	0.226	0.435	-0.899	
lab*tce	0.5	1.0	0.822	
lab*nce	0.0	1.0	0.822	

relative Inform. Technology (IT)				
olvi3*	0.0	0.0	0.5	(1.0)
cmyn3*	1.0	1.0	0.5	(0.0)
olvi4*	0.5	0.5	1.0	0.5
cmyn4*	0.5	0.5	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	26.75	32.45	-47.52	
LAB*LABa	26.75	32.45	-47.52	
LAB*TCa	25.01	57.55	304.33	
relative CIELAB lab*				
lab*lab	0.113	0.282	-0.412	
lab*tch	0.25	0.5	0.845	
lab*nch	0.5	0.5	0.845	
relative Natural Colour (NC)				
lab*lrj	0.113	0.217	-0.449	
lab*tce	0.25	0.5	0.822	
lab*nce	0.5	0.5	0.822	

relative Inform. Technology (IT)				
olvi3*	0.0	0.0	1.0	(1.0)
cmyn3*	1.0	1.0	0.0	(0.0)
olvi4*	0.0	0.0	1.0	1.0
cmyn4*	1.0	1.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	35.47	64.91	-95.04	
LAB*LABa	35.47	64.91	-95.04	
LAB*TCa	50.0	115.1	304.33	
relative CIELAB lab*				
lab*lab	0.226	0.564	-0.825	
lab*tch	0.5	1.0	0.845	
lab*nch	0.0	1.0	0.845	
relative Natural Colour (NC)				
lab*lrj	0.226	0.435	-0.899	
lab*tce	0.5	1.0	0.822	
lab*nce	0.0	1.0	0.822	



3 stufige Reihen für konstanten CIELAB Buntton 304/360 = 0.845 (rechts)

NG010-7, 3 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

BAM-Prüfvorlage NG01; Farbmétrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

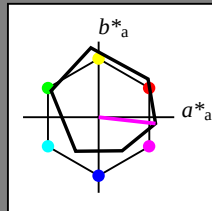
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 354/360 = 0.982$ lab^*tch und lab^*nch

D65: Buntton M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
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	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

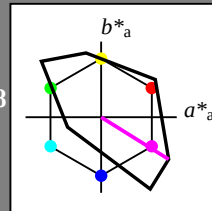
Ausgabe: Farbmétrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 328/360 = 0.911$ lab^*tch und lab^*nch

D65: Buntton M

LCH*Ma: 59 105 328

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

%Regularität

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

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	-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

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*TCa 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* 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*TCa 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* 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*TCa 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 -

relative Inform. Technology (IT)

olvi3* 1.0 0.5 1.0 (1.0)

cmyn3* 0.0 0.5 0.0 (0.0)

olvi4* 1.0 0.5 1.0 1.0

cmyn4* 0.0 0.5 0.0 0.0

standard and adapted CIELAB

LAB*LAB 77.21 44.66 -27.82

LAB*LABa 77.21 44.66 -27.82

LAB*TCa 75.0 52.62 328.06

relative CIELAB lab*

lab*lab 0.765 0.424 -0.263

lab*tch 0.75 0.5 0.911

lab*nch 0.0 0.5 0.911

relative Natural Colour (NC)

lab*lrj 0.765 0.351 -0.355

lab*tce 0.75 0.5 0.874

lab*nce 0.0 0.5 b49r

relative Inform. Technology (IT)

olvi3* 0.5 0.0 0.5 (1.0)

cmyn3* 0.5 1.0 0.5 (0.0)

olvi4* 1.0 0.5 1.0 0.5

cmyn4* 0.0 0.5 0.0 0.5

standard and adapted CIELAB

LAB*LAB 38.51 44.66 -27.82

LAB*LABa 38.51 44.66 -27.82

LAB*TCa 25.01 52.62 328.06

relative CIELAB lab*

lab*lab 0.265 0.424 -0.263

lab*tch 0.25 0.5 0.911

lab*nch 0.5 0.5 0.911

relative Natural Colour (NC)

lab*lrj 0.265 0.351 -0.355

lab*tce 0.25 0.5 0.874

lab*nce 0.5 0.5 b49r

relative Inform. Technology (IT)

olvi3* 1.0 0.0 1.0 (1.0)

cmyn3* 0.0 1.0 0.0 (0.0)

olvi4* 1.0 0.0 1.0 1.0

cmyn4* 0.0 1.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 59.01 89.31 -55.66

LAB*LABa 59.01 89.31 -55.66

LAB*TCa 50.0 105.24 328.06

relative CIELAB lab*

lab*lab 0.53 0.848 -0.528

lab*tch 0.5 1.0 0.911

lab*nch 0.0 1.0 0.911

relative Natural Colour (NC)

lab*lrj 0.53 0.702 -0.711

lab*tce 0.5 1.0 0.874

lab*nce 0.0 1.0 b49r

relative Buntheit c^*

$n^* = 0.50$

$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

$n^* = 0.50$

$n^* = 0.00$

Schwarzheit n^*

NG010-7, 3 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (links)

3 stufige Reihen für konstanten CIELAB Buntton 328/360 = 0.911 (rechts)

BAM-Prüfvorlage NG01; Farbmétrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

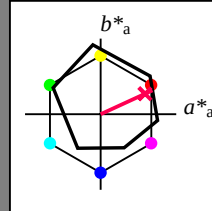
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

D65: Buntton R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma} 47.94	65.39	50.52	82.63	38
Y _{Ma} 90.37	-10.26	91.75	92.32	96
L _{Ma} 50.9	-62.83	34.96	71.91	151
C _{Ma} 58.62	-30.34	-45.01	54.3	236
V _{Ma} 25.72	31.1	-44.4	54.22	305
M _{Ma} 48.13	75.28	-8.36	75.74	354
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	58.66	26.98	64.57	25
J _{CIE} 81.26	-2.16	67.76	67.79	92
G _{CIE} 52.23	-42.25	11.76	43.87	164
B _{CIE} 30.57	1.15	-46.84	46.86	271

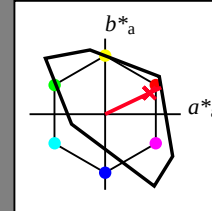
Ausgabe: Farbmétrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 25/360 = 0.071$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 54 82 25

olv*Ma: 1.0 0.0 0.14

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

%Regularität

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

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	-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

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*TCa	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*	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*TCa	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*	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*TCa	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	-

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.569	(1.0)
cmyn3*	0.0	0.5	0.431	(0.0)
olvi4*	1.0	0.5	0.569	1.0
cmyn4*	0.0	0.5	0.431	0.0

standard and adapted CIELAB

LAB*LAB	74.51	37.03	17.64
LAB*LABa	74.51	37.03	17.64
LAB*TCa	75.0	41.02	25.48

relative CIELAB lab*

lab*lab	0.73	0.451	0.215
lab*tch	0.75	0.5	0.071
lab*nch	0.0	0.5	0.071

relative Natural Colour (NC)

lab*lrj	0.73	0.5	0.0
lab*tce	0.75	0.5	1.0
lab*nce	0.0	0.5	0.99r

relative Inform. Technology (IT)

olvi3*	0.5	0.0	0.069	(1.0)
cmyn3*	0.5	1.0	0.931	(0.0)
olvi4*	1.0	0.5	0.569	0.5
cmyn4*	0.0	0.5	0.431	0.5

standard and adapted CIELAB

LAB*LAB	35.82	37.03	17.65
LAB*LABa	35.82	37.03	17.65
LAB*TCa	25.01	41.02	25.49

relative CIELAB lab*

lab*lab	0.23	0.451	0.215
lab*tch	0.25	0.5	0.071
lab*nch	0.5	0.5	0.071

relative Natural Colour (NC)

lab*lrj	0.23	0.5	0.0
lab*tce	0.25	0.5	0.0
lab*nce	0.5	0.5	0.00j

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.138	(1.0)
cmyn3*	0.0	1.0	0.862	(0.0)
olvi4*	1.0	0.0	0.138	1.0
cmyn4*	0.0	1.0	0.862	0.0

standard and adapted CIELAB

LAB*LAB	53.62	74.06	35.3
LAB*LABa	53.62	74.06	35.3
LAB*TCa	50.0	82.04	25.48

relative CIELAB lab*

lab*lab	0.46	0.903	0.43
lab*tch	0.5	1.0	0.071
lab*nch	0.0	1.0	0.071

relative Natural Colour (NC)

lab*lrj	0.46	1.0	0.0
lab*tce	0.5	1.0	0.0
lab*nce	0.0	1.0	0.00j

Siehe ähnliche Dateien: <http://www.ps.bam.de/NG01/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1?

BAM-Registrierung: 20060101-NG01/10S/S01G06SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/NG01/ Form: 7/10, Serie: 1/1, Seite: 7
Satzanzahlung 7

NG010-7, 3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (rechts)

BAM-Prüfvorlage NG01; Farbmétrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependant

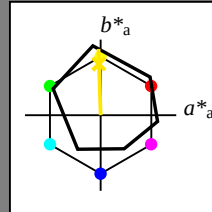
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 92/360 = 0.255$ lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma} 47.94	65.39	50.52	82.63	38
Y _{Ma} 90.37	-10.26	91.75	92.32	96
L _{Ma} 50.9	-62.83	34.96	71.91	151
C _{Ma} 58.62	-30.34	-45.01	54.3	236
V _{Ma} 25.72	31.1	-44.4	54.22	305
M _{Ma} 48.13	75.28	-8.36	75.74	354
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	58.66	26.98	64.57	25
J _{CIE} 81.26	-2.16	67.76	67.79	92
G _{CIE} 52.23	-42.25	11.76	43.87	164
B _{CIE} 30.57	1.15	-46.84	46.86	271

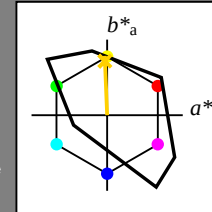
Ausgabe: Farbmétrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 92/360 = 0.256$ lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 85 79 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

%Regularität

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

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	-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

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*TCa	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*	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*TCa	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*	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*TCa	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	-

relative Inform. Technology (IT)

olvi3*	1.0	0.908	0.5	(1.0)
cmyn3*	0.0	0.092	0.5	(0.0)
olvi4*	1.0	0.908	0.5	1.0
cmyn4*	0.0	0.092	0.5	0.0

standard and adapted CIELAB

LAB*LAB	90.39	-1.58	39.25
LAB*LABa	90.39	-1.58	39.25
LAB*TCa	75.0	39.29	92.32

relative CIELAB lab*

lab*lab	0.935	-0.019	0.499
lab*tch	0.75	0.5	0.256
lab*nch	0.0	0.5	0.256

relative Natural Colour (NC)

lab*lrj	0.935	0.0	0.5
lab*tce	0.75	0.5	0.25
lab*nce	0.0	0.5	j00g

relative Inform. Technology (IT)

olvi3*	0.5	0.408	0.0	(1.0)
cmyn3*	0.5	0.592	1.0	(0.0)
olvi4*	1.0	0.908	0.5	0.5
cmyn4*	0.0	0.092	0.5	0.5

standard and adapted CIELAB

LAB*LAB	51.7	-1.57	39.25
LAB*LABa	51.7	-1.57	39.25
LAB*TCa	25.01	39.28	92.31

relative CIELAB lab*

lab*lab	0.435	-0.019	0.499
lab*tch	0.25	0.5	0.256
lab*nch	0.5	0.5	0.256

relative Natural Colour (NC)

lab*lrj	0.435	0.0	0.5
lab*tce	0.25	0.5	0.25
lab*nce	0.5	0.5	j99j

relative Inform. Technology (IT)

olvi3*	1.0	0.816	0.0	(1.0)
cmyn3*	0.0	0.184	1.0	(0.0)
olvi4*	1.0	0.816	0.0	1.0
cmyn4*	0.0	0.184	1.0	0.0

standard and adapted CIELAB

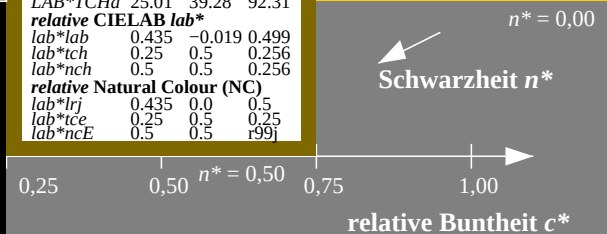
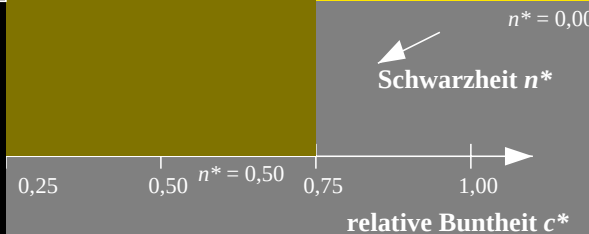
LAB*LAB	85.38	-3.17	78.5
LAB*LABa	85.38	-3.17	78.5
LAB*TCa	50.0	78.57	92.32

relative CIELAB lab*

lab*lab	0.87	-0.039	0.999
lab*tch	0.5	1.0	0.256
lab*nch	0.0	1.0	0.256

relative Natural Colour (NC)

lab*lrj	0.87	0.0	1.0
lab*tce	0.5	1.0	0.25
lab*nce	0.0	1.0	j00g



NG010-7, 3 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

3 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

BAM-Prüfvorlage NG01; Farbmétrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependant

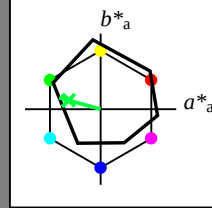
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa 47.94	65.39	50.52	82.63	38
YMa 90.37	-10.26	91.75	92.32	96
LMa 50.9	-62.83	34.96	71.91	151
CMa 58.62	-30.34	-45.01	54.3	236
VMa 25.72	31.1	-44.4	54.22	305
MMa 48.13	75.28	-8.36	75.74	354
NMa 18.01	0.0	0.0	0.0	0
WMa 95.41	0.0	0.0	0.0	0
RCIE 39.92	58.66	26.98	64.57	25
JCIE 81.26	-2.16	67.76	67.79	92
GCIE 52.23	-42.25	11.76	43.87	164
BCIE 30.57	1.15	-46.84	46.86	271

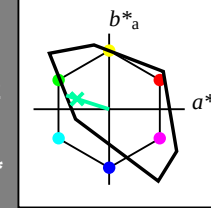
Ausgabe: Farbmétrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 162/360 = 0.451$ lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 86 60 162

olv*Ma: 0.0 1.0 0.64

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

%Regularität

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

TLS18; adaptierte CIELAB-Daten

$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa 52.76	71.63	49.88	87.29	35
YMa 92.74	-20.02	84.97	87.3	103
LMa 84.0	-78.98	73.94	108.2	137
CMa 87.14	-44.41	-13.11	46.32	196
VMa 35.47	64.92	-95.06	115.12	304
MMa 59.01	89.33	-55.67	105.26	328
NMa 18.01	0.0	0.0	0.0	0
WMa 95.41	0.0	0.0	0.0	0
RCIE 39.92	58.74	27.99	65.07	25
JCIE 81.26	-2.88	71.56	71.62	92
GCIE 52.23	-42.41	13.6	44.55	162
BCIE 30.57	1.41	-46.46	46.49	272

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*	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*	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	-

relative Inform. Technology (IT)

olvi3*	0.5	1.0	0.82	(1.0)
cmyn3*	0.5	0.0	0.18	(0.0)
olvi4*	0.5	1.0	0.82	1.0
cmyn4*	0.5	0.0	0.18	0.0

standard and adapted CIELAB

LAB*LAB	90.7	-28.42	9.11
LAB*LABa	90.7	-28.42	9.11
LAB*TCHa	75.0	29.85	162.23

relative CIELAB lab*

lab*lab	0.939	-0.475	0.153
lab*tch	0.75	0.5	0.451
lab*nch	0.0	0.5	0.451

relative Natural Colour (NC)

lab*lrj	0.939	-0.499	0.0
lab*tce	0.75	0.5	0.5
lab*nce	0.0	0.5	g00b

relative Inform. Technology (IT)

olvi3*	0.0	0.5	0.32	(1.0)
cmyn3*	1.0	0.5	0.68	(0.0)
olvi4*	0.5	1.0	0.82	0.5
cmyn4*	0.5	0.0	0.18	0.5

standard and adapted CIELAB

LAB*LAB	52.01	-28.42	9.12
LAB*LABa	52.01	-28.42	9.12
LAB*TCHa	25.01	29.86	162.22

relative CIELAB lab*

lab*lab	0.439	-0.475	0.153
lab*tch	0.25	0.5	0.451
lab*nch	0.5	0.5	0.451

relative Natural Colour (NC)

lab*lrj	0.439	-0.499	0.0
lab*tce	0.25	0.5	0.5
lab*nce	0.5	0.5	g99g

relative Inform. Technology (IT)

olvi3*	0.0	1.0	0.64	(1.0)
cmyn3*	1.0	0.0	0.36	(0.0)
olvi4*	0.0	1.0	0.64	1.0
cmyn4*	1.0	0.0	0.36	0.0

standard and adapted CIELAB

LAB*LAB	86.0	-56.85	18.23
LAB*LABa	86.0	-56.85	18.23
LAB*TCHa	50.0	59.71	162.23

relative CIELAB lab*

lab*lab	0.878	-0.951	0.305
lab*tch	0.5	1.0	0.451
lab*nch	0.0	1.0	0.451

relative Natural Colour (NC)

lab*lrj	0.878	-0.999	0.0
lab*tce	0.5	1.0	0.5
lab*nce	0.0	1.0	g00b

Siehe ähnliche Dateien: <http://www.ps.bam.de/NG01/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1?

BAM-Registrierung: 20060101-NG01/10S/S01G08SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/NG01/ Form: 9/10, Serie: 1/1, Seite: 9
Satzanzahlung 9

NG010-7, 3 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

3 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (rechts)

BAM-Prüfvorlage NG01; Farbmétrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

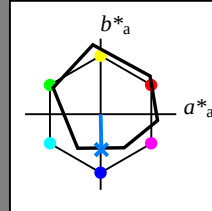
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
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	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

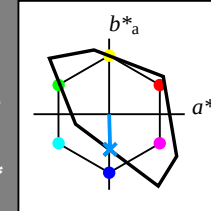
Ausgabe: Farbmétrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 272/360 = 0.755$ lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 65 48 272

olv*Ma: 0.0 0.58 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

%Regularität

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

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	-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

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*TCa	99.99	0.01	-	

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*TCa	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*	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*TCa	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	-	

relative Inform. Technology (IT)				
olvi3*	0.5	0.79	1.0	(1.0)
cmyn3*	0.5	0.21	0.0	(0.0)
olvi4*	0.5	0.79	1.0	1.0
cmyn4*	0.5	0.21	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	80.44	0.71	-23.73	
LAB*LABa	80.44	0.71	-23.73	
LAB*TCa	75.0	23.75	271.72	

relative CIELAB lab*				
lab*lab	0.807	0.015	-0.499	
lab*tch	0.75	0.5	0.755	
lab*nch	0.0	0.5	0.755	
relative Natural Colour (NC)				
lab*lrj	0.807	0.0	-0.499	
lab*tce	0.75	0.5	0.75	
lab*nce	0.0	0.5	g99b	

relative Inform. Technology (IT)				
olvi3*	0.0	0.29	0.5	(1.0)
cmyn3*	1.0	0.71	0.5	(0.0)
olvi4*	0.5	0.79	1.0	0.5
cmyn4*	0.5	0.21	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	41.74	0.72	-23.74	
LAB*LABa	41.74	0.72	-23.74	
LAB*TCa	25.01	23.76	271.75	

relative CIELAB lab*				
lab*lab	0.307	0.015	-0.499	
lab*tch	0.25	0.5	0.755	
lab*nch	0.5	0.5	0.755	
relative Natural Colour (NC)				
lab*lrj	0.307	0.0	-0.499	
lab*tce	0.25	0.5	0.75	
lab*nce	0.5	0.5	b00r	

relative Inform. Technology (IT)				
olvi3*	0.0	0.581	1.0	(1.0)
cmyn3*	1.0	0.419	0.0	(0.0)
olvi4*	0.0	0.581	1.0	1.0
cmyn4*	1.0	0.419	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	65.47	1.44	-47.47	
LAB*LABa	65.47	1.44	-47.47	
LAB*TCa	50.0	47.5	271.74	

relative CIELAB lab*				
lab*lab	0.613	0.03	-0.998	
lab*tch	0.5	1.0	0.755	
lab*nch	0.0	1.0	0.755	
relative Natural Colour (NC)				
lab*lrj	0.613	0.0	-0.999	
lab*tce	0.5	1.0	0.75	
lab*nce	0.0	1.0	g99b	

relative Buntheit c^*

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

Schwarzheit n^* $n^* = 0,00$ $n^* = 1,0$

NG010-7, 3 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

3 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (rechts)

BAM-Prüfvorlage NG01; Farbmétrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend