

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

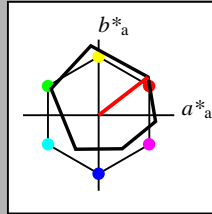
lab^*tch und lab^*nch

A: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 1.0, 0.0, 1.0, 0.0.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 95.41, -0.98, 4.75.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 1.0, 0.0, 0.0.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 1.0, 0.0, 0.0.

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 0.5, 0.5, 0.5, 0.5.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 56.71, -0.24, 2.14.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 0.5, 0.0, 0.0.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 0.5, 0.0, 0.0.

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 0.0, 0.0, 0.0, 0.0.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 18.02, 0.5, -0.47.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 0.0, 0.0, 0.0.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 0.0, 0.0, 0.0.

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

Table with columns L*=L*a, a*a, b*a, C*ab,a, h*ab,a and rows for color patches OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 1.0, 0.5, 0.5, 0.5.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 71.67, 32.15, 28.41.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 0.693, 0.396, 0.306.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 0.693, 0.477, 0.15.

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 0.5, 0.0, 0.0, 0.0.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 32.98, 32.9, 25.8.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 0.193, 0.396, 0.306.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 0.193, 0.477, 0.15.

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 1.0, 1.0, 1.0, 1.0.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 25.01, 41.31, 37.69.

$n^* = 0.50$

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 1.0, 0.0, 0.0, 0.0.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 47.94, 65.3, 52.06.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 0.387, 0.791, 0.611.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 0.387, 0.954, 0.299.

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 0.0, 0.0, 0.0, 0.0.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 0.03, 0.0, 0.0.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 0.0, 0.0, 0.0.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 0.0, 0.0, 0.0.

$n^* = 1.0$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 40/360 = 0.111$

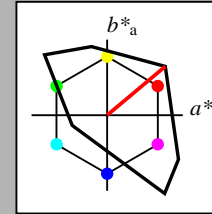
lab^*tch und lab^*nch

A: Buntton O

LCH*Ma: 51 100 40

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 1.0, 0.0, 0.0, 0.0.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 95.41, 0.0, 0.0.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 1.0, 0.0, 0.0.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 1.0, 0.0, 0.0.

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 0.5, 0.5, 0.5, 0.5.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 47.72, 0.0, 0.0.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 0.5, 0.0, 0.0.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 0.5, 0.0, 0.0.

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 0.0, 0.0, 0.0, 0.0.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 0.03, 0.0, 0.0.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 0.0, 0.0, 0.0.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 0.0, 0.0, 0.0.

$n^* = 1.0$

TLS00; adaptierte CIELAB-Daten

Table with columns L*=L*a, a*a, b*a, C*ab,a, h*ab,a and rows for color patches OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 1.0, 0.5, 0.5, 0.5.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 72.95, 38.45, 32.27.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 0.765, 0.383, 0.321.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 0.765, 0.471, 0.167.

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 0.5, 0.0, 0.0, 0.0.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 25.26, 38.45, 32.27.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 0.265, 0.383, 0.321.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 0.265, 0.471, 0.167.

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 1.0, 0.5, 0.5, 0.5.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 25.01, 50.2, 40.0.

$n^* = 0.50$

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 1.0, 0.0, 0.0, 0.0.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 50.5, 76.9, 64.54.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 0.529, 0.766, 0.643.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 0.529, 0.942, 0.335.

relative Inform. Technology (IT) table with columns olvi3*, cmyn3*, olvi4*, cmyn4* and values 0.0, 0.0, 0.0, 0.0.

standard and adapted CIELAB table with columns LAB*LAB, LAB*LABa, LAB*TCHa and values 0.03, 0.0, 0.0.

relative CIELAB lab* table with columns lab*lab, lab*tch, lab*nch and values 0.0, 0.0, 0.0.

relative Natural Colour (NC) table with columns lab*lrj, lab*tce, lab*ncE and values 0.0, 0.0, 0.0.

$n^* = 0.00$

Siehe ähnliche Dateien: <http://www.ps.bam.de/RG10/>
Technische Information: <http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB>

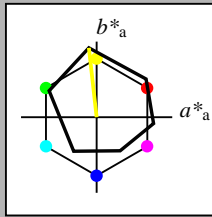
BAM-Registrierung: 20060101-RG10/10Q/Q10G00FP.PS/.PDF BAM-Material: Code=rh4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/RG10/ Form: 1/10, Serie: 1/1, Seite: 1
Satzanzahlung 1

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

A: Buntton Y
LCH*Ma: 90 92 96
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



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

%Umfang
 $u^*_{rel} = 93$
%Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

relative Inform. Technology (IT)				
	1.0	1.0	1.0	(1.0)
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 -0.98 4.75
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)				
	0.5	0.5	0.5	(1.0)
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 56.71 -0.24 2.14
LAB*LABa 56.71 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)				
	0.0	0.0	0.0	(1.0)
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 18.02 0.5 -0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 8.01 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 -

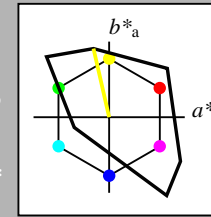
$n^* = 1.0$

Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 103/360 = 0.286$
 lab^*tch und lab^*nch

A: Buntton Y
LCH*Ma: 93 93 103
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 158$
%Regularität
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

relative Inform. Technology (IT)				
	1.0	1.0	1.0	(1.0)
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)				
	0.5	0.5	0.5	(1.0)
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 47.72 0.0 0.0
LAB*LABa 47.72 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)				
	0.0	0.0	0.0	(1.0)
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 0.03 0.0 0.0
LAB*LABa 0.03 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 -

$n^* = 1.0$

%Umfang
 $u^*_{rel} = 158$
%Regularität
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

relative Inform. Technology (IT)				
	1.0	1.0	0.5	(1.0)
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 94.03 -10.34 45.37
LAB*LABa 94.03 -10.34 45.37
LAB*TCHa 75.0 46.53 102.85

relative CIELAB lab*
lab*lab 0.985 -0.11 0.487
lab*tch 0.75 0.5 0.286
lab*nch 0.0 0.5 0.286

relative Natural Colour (NC)
lab*lrj 0.985 -0.116 0.486
lab*tce 0.75 0.5 0.288
lab*nce 0.0 0.5 0.286

relative Inform. Technology (IT)				
	0.5	0.5	0.0	(1.0)
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 46.34 -10.34 45.37
LAB*LABa 46.34 -10.34 45.37
LAB*TCHa 25.01 46.53 102.85

relative CIELAB lab*
lab*lab 0.486 -0.11 0.487
lab*tch 0.25 0.5 0.286
lab*nch 0.5 0.5 0.286

relative Natural Colour (NC)
lab*lrj 0.486 -0.116 0.486
lab*tce 0.25 0.5 0.288
lab*nce 0.5 0.5 0.286

relative Inform. Technology (IT)
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 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 -

%Umfang
 $u^*_{rel} = 158$
%Regularität
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

relative Inform. Technology (IT)				
	1.0	1.0	0.5	(1.0)
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 92.65 -20.69 90.73
LAB*LABa 92.65 -20.69 90.73
LAB*TCHa 50.0 93.06 102.85

relative CIELAB lab*
lab*lab 0.971 -0.221 0.975
lab*tch 0.5 1.0 0.286
lab*nch 0.0 1.0 0.286

relative Natural Colour (NC)
lab*lrj 0.971 -0.233 0.972
lab*tce 0.5 1.0 0.288
lab*nce 0.0 1.0 0.286

relative Inform. Technology (IT)				
	0.5	0.5	0.0	(1.0)
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 46.34 -10.34 45.37
LAB*LABa 46.34 -10.34 45.37
LAB*TCHa 25.01 46.53 102.85

relative CIELAB lab*
lab*lab 0.486 -0.11 0.487
lab*tch 0.25 0.5 0.286
lab*nch 0.5 0.5 0.286

relative Natural Colour (NC)
lab*lrj 0.486 -0.116 0.486
lab*tce 0.25 0.5 0.288
lab*nce 0.5 0.5 0.286

relative Inform. Technology (IT)
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 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^*

relative Buntheit c^*

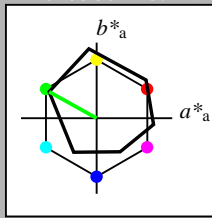
relative Buntheit c^*

Siehe ähnliche Dateien: <http://www.ps.bam.de/RG10/>
Technische Information: <http://www.ps.bam.de/Version 2.1, io=1,1, CIELAB>

BAM-Registrierung: 20060101-RG10/10Q/Q10G01FP.PS/.PDF BAM-Material: Code=rh4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/RG10/ Form 2/10, Serie: 1/1, Seite: 2
Seite: 1/ung 2

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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



A: Buntton L
 LCH*Ma: 51 72 151
 olv*Ma: 0.0 1.0 0.0
 Dreiecks-Helligkeit t^*

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

%Umfang
 $u^*_{rel} = 93$
 %Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

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 -0.98 4.75
 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 56.71 -0.24 2.14
 LAB^*LABa 56.71 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 18.02 0.5 -0.47
 LAB^*LABa 18.02 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 -

$n^* = 1.0$

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 73.15 -31.96 20.73
 LAB^*LABa 73.15 -31.4 17.48
 LAB^*TCHa 75.0 35.95 150.91

relative CIELAB lab*
 lab^*lab 0.712 -0.436 0.243
 lab^*tch 0.75 0.5 0.419
 lab^*nch 0.0 0.5 0.419

relative Natural Colour (NC)
 lab^*lrj 0.712 -0.478 0.144
 lab^*tce 0.75 0.5 0.453
 lab^*nce 0.0 0.5 j81g

relative Inform. Technology (IT)
 $olvi3^*$ 0.0 0.5 0.0 (1.0)
 $cmyn3^*$ 1.0 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 34.46 -31.22 18.12
 LAB^*LABa 34.46 -31.4 17.48
 LAB^*TCHa 25.01 35.95 150.91

relative CIELAB lab*
 lab^*lab 0.213 -0.436 0.243
 lab^*tch 0.25 0.5 0.419
 lab^*nch 0.5 0.5 0.419

relative Natural Colour (NC)
 lab^*lrj 0.213 -0.478 0.144
 lab^*tce 0.25 0.5 0.453
 lab^*nce 0.5 0.5 j81g

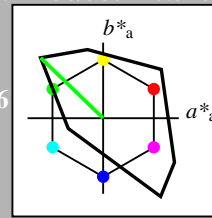
$n^* = 0.50$
 relative Buntheit c^*

relative Buntheit c^*

$n^* = 1.0$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 136/360 = 0.378$
 lab^*tch und lab^*nch



A: Buntton L
 LCH*Ma: 84 115 136
 olv*Ma: 0.0 1.0 0.0
 Dreiecks-Helligkeit t^*

TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	50.5	76.92	64.55	100.42	40
YMa	92.66	-20.69	90.75	93.08	103
LMa	83.63	-82.75	79.9	115.04	136
CMa	86.88	-46.16	-13.55	48.12	196
VMa	30.39	76.06	-103.59	128.52	306
MMa	57.3	94.35	-58.41	110.97	328
NMa	0.01	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

%Umfang
 $u^*_{rel} = 158$
 %Regularität
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

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 47.72 0.0 0.0
 LAB^*LABa 47.72 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)
 $olvi3^*$ 0.5 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 89.51 -41.36 39.94
 LAB^*LABa 89.51 -41.36 39.94
 LAB^*TCHa 75.0 57.51 136.01

relative CIELAB lab*
 lab^*lab 0.938 -0.359 0.347
 lab^*tch 0.75 0.5 0.378
 lab^*nch 0.0 0.5 0.378

relative Natural Colour (NC)
 lab^*lrj 0.938 -0.415 0.278
 lab^*tce 0.75 0.5 0.406
 lab^*nce 0.0 0.5 j62g

relative Inform. Technology (IT)
 $olvi3^*$ 0.0 0.5 0.0 (1.0)
 $cmyn3^*$ 1.0 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 41.82 -41.36 39.94
 LAB^*LABa 41.82 -41.36 39.94
 LAB^*TCHa 25.01 57.51 136.01

relative CIELAB lab*
 lab^*lab 0.438 -0.359 0.347
 lab^*tch 0.25 0.5 0.378
 lab^*nch 0.5 0.5 0.378

relative Natural Colour (NC)
 lab^*lrj 0.438 -0.415 0.278
 lab^*tce 0.25 0.5 0.406
 lab^*nce 0.5 0.5 j62g

$n^* = 0.50$
 relative Buntheit c^*

relative Buntheit c^*

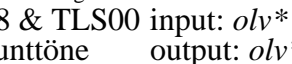
$n^* = 1.0$

RG10-7, 3 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)



BAM-Prüfvorlage RG10; Farbmetrik-Systeme ORS18 & TLS00 input: $olv^* \text{setrgbcolor}$
 A: 2 Koordinatendaten; 3 stufige Farbreihen für 10 Bunttöne

3 stufige Reihen für konstanten CIELAB Buntton 136/360 = 0.378 (rechts)



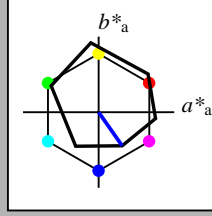
output: $olv^* \text{setrgbcolor} / w^* \text{setgray}$

Eingabe: Farbmatisches Offset-Refektiv-System ORS18

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

A: Buntton V
 LCH*Ma: 26 54 305
 olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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

%Umfang
 $u^*_{rel} = 93$
 %Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

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	-0.98	4.75
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	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	60.56	15.23	-19.79
LAB*LABa	60.56	15.55	-22.19
LAB*TCHa	75.0	27.1	305.0

relative CIELAB lab*

lab*lab	0.55	0.287	-0.408
lab*tch	0.75	0.5	0.847
lab*nch	0.0	0.5	0.847

relative Natural Colour (NC)

lab*lrj	0.55	0.225	-0.446
lab*tce	0.75	0.5	0.824
lab*nce	0.0	0.5	0.829r

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	0.5

standard and adapted CIELAB

LAB*LAB	25.73	31.44	-44.34
LAB*LABa	25.73	31.09	-44.39
LAB*TCHa	50.0	54.21	305.0

relative CIELAB lab*

lab*lab	0.1	0.573	-0.818
lab*tch	0.5	1.0	0.847
lab*nch	0.0	1.0	0.847

relative Natural Colour (NC)

lab*lrj	0.1	0.449	-0.892
lab*tce	0.5	1.0	0.824
lab*nce	0.0	1.0	0.829r

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	21.87	15.97	-22.4
LAB*LABa	21.87	15.55	-22.19
LAB*TCHa	25.01	27.1	305.0

relative CIELAB lab*

lab*lab	0.05	0.287	-0.408
lab*tch	0.25	0.5	0.847
lab*nch	0.5	0.5	0.847

relative Natural Colour (NC)

lab*lrj	0.05	0.225	-0.446
lab*tce	0.25	0.5	0.824
lab*nce	0.5	0.5	0.829r

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	1.0
cmyn4*	1.0	1.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	0.03	0.0	0.0
LAB*LABa	0.03	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)

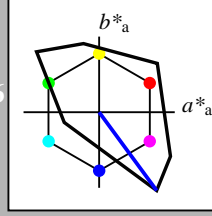
lab*lrj	0.0	0.0	0.0
lab*tce	0.0	0.0	-
lab*nce	1.0	0.0	-

Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 306/360 = 0.851$
 lab^*tch und lab^*nch

A: Buntton V
 LCH*Ma: 30 129 306
 olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	50.5	76.92	64.55	100.42	40
YMa	92.66	-20.69	90.75	93.08	103
LMa	83.63	-82.75	79.9	115.04	136
CMa	86.88	-46.16	-13.55	48.12	196
VMa	30.39	76.06	-103.59	128.52	306
MMa	57.3	94.35	-58.41	110.97	328
NMa	0.01	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

%Umfang
 $u^*_{rel} = 158$
 %Regularität
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

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	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	62.9	38.02	-51.78
LAB*LABa	62.9	38.02	-51.78
LAB*TCHa	75.0	64.25	306.29

relative CIELAB lab*

lab*lab	0.659	0.296	-0.402
lab*tch	0.75	0.5	0.851
lab*nch	0.0	0.5	0.851

relative Natural Colour (NC)

lab*lrj	0.659	0.23	-0.443
lab*tce	0.75	0.5	0.826
lab*nce	0.0	0.5	0.830r

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	30.39	76.04	-103.57
LAB*LABa	30.39	76.04	-103.57
LAB*TCHa	50.0	128.5	306.29

relative CIELAB lab*

lab*lab	0.318	0.592	-0.805
lab*tch	0.5	1.0	0.851
lab*nch	0.0	1.0	0.851

relative Natural Colour (NC)

lab*lrj	0.318	0.459	-0.887
lab*tce	0.5	1.0	0.826
lab*nce	0.0	1.0	0.830r

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	15.21	38.02	-51.78
LAB*LABa	15.21	38.02	-51.78
LAB*TCHa	25.01	64.25	306.29

relative CIELAB lab*

lab*lab	0.159	0.296	-0.402
lab*tch	0.25	0.5	0.851
lab*nch	0.5	0.5	0.851

relative Natural Colour (NC)

lab*lrj	0.159	0.23	-0.443
lab*tce	0.25	0.5	0.826
lab*nce	0.5	0.5	0.830r

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	1.0
cmyn4*	1.0	1.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	0.03	0.0	0.0
LAB*LABa	0.03	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	-

Siehe ähnliche Dateien: <http://www.ps.bam.de/RG10/>
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB

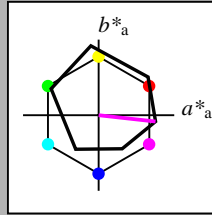
BAM-Registrierung: 20060101-RG10/10Q/Q10G04FP.PS/.PDF BAM-Material: Code=rh4ta
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
 /RG10/ Form 5/10, Serie: 1/1, Seite: 5
 Seitenlung 5

Eingabe: Farbmatisches Offset-Refektiv-System ORS18

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

A: Buntton M
 LCH*Ma: 48 76 354
 olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

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	-0.98	4.75
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	56.71	-0.24	2.14
LAB*LABa	56.71	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	18.02	0.5	-0.47
LAB*LABa	18.02	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	-

$n^* = 1.0$

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

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	71.77	37.1	-1.01
LAB*LABa	71.77	37.63	-4.17
LAB*TCHa	75.0	37.86	353.66

relative CIELAB lab*

lab*lab	0.695	0.497	-0.054
lab*tch	0.75	0.5	0.982
lab*nch	0.0	0.5	0.982

relative Natural Colour (NC)

lab*lrj	0.695	0.454	-0.208
lab*tce	0.75	0.5	0.932
lab*nce	0.0	0.5	0.932

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	33.07	37.84	-3.62
LAB*LABa	33.07	37.63	-4.17
LAB*TCHa	25.01	37.86	353.66

relative CIELAB lab*

lab*lab	0.195	0.497	-0.054
lab*tch	0.25	0.5	0.982
lab*nch	0.5	0.5	0.982

relative Natural Colour (NC)

lab*lrj	0.195	0.454	-0.208
lab*tce	0.25	0.5	0.932
lab*nce	0.5	0.5	0.932

$n^* = 0.00$

Schwarzheit n^*

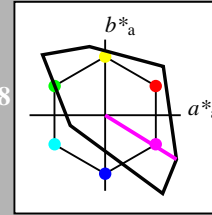
relative Buntheit c^*

Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 328/360 = 0.912$
 lab^*tch und lab^*nch

A: Buntton M
 LCH*Ma: 57 111 328
 olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

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	47.72	0.0	0.0
LAB*LABa	47.72	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	0.5	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	76.35	47.17	-29.19
LAB*LABa	76.35	47.17	-29.19
LAB*TCHa	75.0	55.47	328.23

relative CIELAB lab*

lab*lab	0.8	0.425	-0.262
lab*tch	0.75	0.5	0.912
lab*nch	0.0	0.5	0.912

relative Natural Colour (NC)

lab*lrj	0.8	0.352	-0.354
lab*tce	0.75	0.5	0.874
lab*nce	0.0	0.5	0.874

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	28.66	47.17	-29.19
LAB*LABa	28.66	47.17	-29.19
LAB*TCHa	25.01	55.47	328.23

relative CIELAB lab*

lab*lab	0.3	0.425	-0.262
lab*tch	0.25	0.5	0.912
lab*nch	0.5	0.5	0.912

relative Natural Colour (NC)

lab*lrj	0.3	0.352	-0.354
lab*tce	0.25	0.5	0.874
lab*nce	0.5	0.5	0.874

$n^* = 0.00$

Schwarzheit n^*

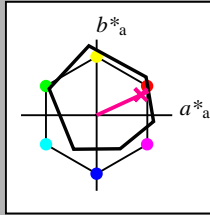
relative Buntheit c^*

Eingabe: Farbmetrisches Offset-Refektiv-System ORS18

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

A: 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	$C^*_{ab,a}$	$h^*_{ab,a}$
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

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 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 -0.98 4.75
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)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 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)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 1.0

standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 8.01 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 -

$n^* = 1.0$

relative Buntheit c^*
 $n^* = 0.50$ $n^* = 0.00$

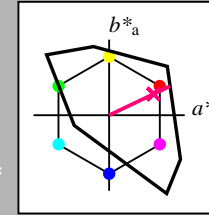
RG100-7, 3 stufige Reihen für konstanten CIELAB Buntton $25/360 = 0.069$ (links)

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

A: Buntton R
LCH*Ma: 52 89 25
olv*Ma: 1.0 0.0 0.21

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	50.5	76.92	64.55	100.42	40
YMa	92.66	-20.69	90.75	93.08	103
LMa	83.63	-82.75	79.9	115.04	136
CMa	86.88	-46.16	-13.55	48.12	196
VMa	30.39	76.06	-103.59	128.52	306
MMa	57.3	94.35	-58.41	110.97	328
NMa	0.01	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)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 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)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*LABa 47.72 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)
olv3* 1.0 0.5 0.606 (1.0)
cmyn3* 0.0 0.5 0.394 (0.0)
olv4* 1.0 0.5 0.606 1.0
cmyn4* 0.0 0.5 0.394 0.0

standard and adapted CIELAB
LAB*LAB 73.67 40.3 19.2
LAB*LABa 73.67 40.3 19.2
LAB*TCHa 75.0 44.64 25.47

relative CIELAB lab*
lab*lab 0.772 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 0.772 0.5 0.0
lab*tce 0.75 0.5 1.0
lab*nce 0.0 0.5 0.999

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.106 (1.0)
cmyn3* 0.5 1.0 0.894 (0.0)
olv4* 1.0 0.5 0.606 0.5
cmyn4* 0.0 0.5 0.394 0.5

standard and adapted CIELAB
LAB*LAB 25.98 40.3 19.21
LAB*LABa 25.98 40.3 19.21
LAB*TCHa 25.01 44.65 25.49

relative CIELAB lab*
lab*lab 0.272 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 0.272 0.5 0.0
lab*tce 0.25 0.5 0.0
lab*nce 0.5 0.5 0.00j

$n^* = 0.00$

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 1.0

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

$n^* = 1.0$

relative Buntheit c^*
 $n^* = 0.50$ $n^* = 0.00$

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

BAM-Prüfvorlage RG10; Farbmetrik-Systeme ORS18 & TLS00 input: $olv^* \text{ setrgbcolor}$
A: 2 Koordinatendaten; 3 stufige Farbreehen für 10 Bunttöne output: $olv^* \text{ setrgbcolor} / w^* \text{ setgray}$

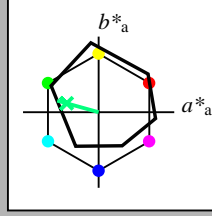
Siehe ähnliche Dateien: <http://www.ps.bam.de/RG10/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB

Eingabe: Farbmatisches Offset-Refektiv-System ORS18

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

A: Buntton G
 LCH*Ma: 53 57 164
 olv*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit t^*



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

%Umfang
 $u^*_{rel} = 93$
 %Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

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 -0.98 4.75
 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 56.71 -0.24 2.14
 LAB*LABa 56.71 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 18.02 0.5 -0.47
 LAB*LABa 18.02 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 -

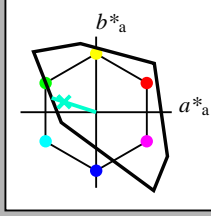
$n^* = 1.0$

Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

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

A: Buntton G
 LCH*Ma: 86 62 162
 olv*Ma: 0.0 1.0 0.65

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 158$
 %Regularität
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

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 47.72 0.0 0.0
 LAB*LABa 47.72 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 0.03 0.0 0.0
 LAB*LABa 0.03 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 -

$n^* = 1.0$

TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	50.5	76.92	64.55	100.42	40
YMa	92.66	-20.69	90.75	93.08	103
LMa	83.63	-82.75	79.9	115.04	136
CMa	86.88	-46.16	-13.55	48.12	196
VMa	30.39	76.06	-103.59	128.52	306
MMa	57.3	94.35	-58.41	110.97	328
NMa	0.01	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* 0.5 1.0 0.826 (1.0)
 cmyn3* 0.5 0.0 0.174 (0.0)
 olvi4* 0.5 1.0 0.827 1.0
 cmyn4* 0.5 0.0 0.173 0.0

standard and adapted CIELAB
 LAB*LAB 90.57 -29.42 9.43
 LAB*LABa 90.57 -29.42 9.43
 LAB*TCHa 75.0 30.9 162.23

relative CIELAB lab*
 lab*lab 0.949 -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 0.949 -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 1.0 0.653 (1.0)
 cmyn3* 1.0 0.0 0.347 (0.0)
 olvi4* 0.0 1.0 0.653 1.0
 cmyn4* 1.0 0.0 0.347 0.0

standard and adapted CIELAB
 LAB*LAB 85.74 -58.84 18.87
 LAB*LABa 85.74 -58.84 18.87
 LAB*TCHa 50.0 61.8 162.23

relative CIELAB lab*
 lab*lab 0.899 -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 0.899 -0.999 0.0
 lab*tce 0.5 1.0 0.5
 lab*nce 0.0 1.0 g00b

$n^* = 0.00$

relative Inform. Technology (IT)
 olvi3* 0.5 1.0 0.623 (1.0)
 cmyn3* 0.5 0.0 0.377 (0.0)
 olvi4* 0.5 1.0 0.623 1.0
 cmyn4* 0.5 0.0 0.377 0.0

standard and adapted CIELAB
 LAB*LAB 74.1 -27.98 10.94
 LAB*LABa 74.1 -27.4 7.62
 LAB*TCHa 75.0 28.45 164.46

relative CIELAB lab*
 lab*lab 0.725 -0.481 0.134
 lab*tch 0.75 0.5 0.457
 lab*nch 0.0 0.5 0.457

relative Natural Colour (NC)
 lab*lrj 0.725 -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 0.123 (1.0)
 cmyn3* 1.0 0.5 0.877 (0.0)
 olvi4* 0.5 1.0 0.623 0.5
 cmyn4* 0.5 0.0 0.377 0.5

standard and adapted CIELAB
 LAB*LAB 35.41 -27.24 8.34
 LAB*LABa 35.41 -27.4 7.63
 LAB*TCHa 25.01 28.46 164.44

relative CIELAB lab*
 lab*lab 0.225 -0.481 0.134
 lab*tch 0.25 0.5 0.457
 lab*nch 0.5 0.5 0.457

relative Natural Colour (NC)
 lab*lrj 0.225 -0.499 0.0
 lab*tce 0.25 0.5 0.5
 lab*nce 0.5 0.5 199g

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 0.03 0.0 0.0
 LAB*LABa 0.03 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 -

$n^* = 0.00$
 Schwarzhcit n^*

relative Buntheit c^*

$n^* = 0.00$
 Schwarzhcit n^*

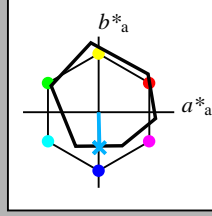
relative Buntheit c^*

Eingabe: Farbmatisches Offset-Refektiv-System ORS18

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

A: Buntton B
 LCH*Ma: 42 45 271
 olv*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^*



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	52.72	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

%Umfang
 $u^*_{rel} = 93$
 %Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

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	-0.98	4.75
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	56.71	-0.24	2.14
LAB*LABa	56.71	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	18.02	0.5	-0.47
LAB*LABa	18.02	0.0	0.0
LAB*TCHa	8.01	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	-

$n^* = 1.0$

relative Inform. Technology (IT)

olvi3*	0.5	0.744	1.0	(1.0)
cmyn3*	0.5	0.256	0.0	(0.0)
olvi4*	0.5	0.744	1.0	1.0
cmyn4*	0.5	0.256	0.0	0.0

standard and adapted CIELAB

LAB*LAB	68.6	0.07	-19.39
LAB*LABa	68.6	0.55	-22.34
LAB*TCHa	75.0	22.36	271.4

relative CIELAB lab*

lab*lab	0.654	0.012	-0.499
lab*tch	0.75	0.5	0.754
lab*nch	0.0	0.5	0.754

relative Natural Colour (NC)

lab*lrj	0.654	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	0.244	0.5	(1.0)
cmyn3*	1.0	0.756	0.5	(0.0)
olvi4*	0.5	0.744	1.0	0.5
cmyn4*	0.5	0.256	0.0	0.5

standard and adapted CIELAB

LAB*LAB	29.9	0.82	-22.01
LAB*LABa	29.9	0.55	-22.34
LAB*TCHa	25.01	22.36	271.42

relative CIELAB lab*

lab*lab	0.154	0.012	-0.499
lab*tch	0.25	0.5	0.754
lab*nch	0.5	0.5	0.754

relative Natural Colour (NC)

lab*lrj	0.154	0.0	-0.499
lab*tce	0.25	0.5	0.75
lab*nce	0.5	0.5	b00r

$n^* = 0.50$

relative Inform. Technology (IT)

olvi3*	0.0	0.488	1.0	(1.0)
cmyn3*	1.0	0.512	0.0	(0.0)
olvi4*	1.0	0.488	1.0	1.0
cmyn4*	1.0	0.512	0.0	0.0

standard and adapted CIELAB

LAB*LAB	41.79	1.14	-43.55
LAB*LABa	41.79	1.1	-44.69
LAB*TCHa	50.0	44.71	271.41

relative CIELAB lab*

lab*lab	0.307	0.025	-0.998
lab*tch	0.5	1.0	0.754
lab*nch	0.0	1.0	0.754

relative Natural Colour (NC)

lab*lrj	0.307	0.0	-0.999
lab*tce	0.5	1.0	0.75
lab*nce	0.0	1.0	b00r

$n^* = 0.00$

Schwarzheit n^*

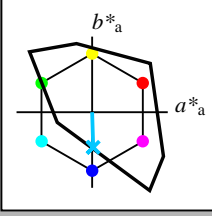
relative Buntheit c^*

Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

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

A: Buntton B
 LCH*Ma: 65 49 272
 olv*Ma: 0.0 0.61 1.0

Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	50.5	76.92	64.55	100.42	40
YMa	92.66	-20.69	90.75	93.08	103
LMa	83.63	-82.75	79.9	115.04	136
CMa	86.88	-46.16	-13.55	48.12	196
VMa	30.39	76.06	-103.59	128.52	306
MMa	57.3	94.35	-58.41	110.97	328
NMa	0.01	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

%Umfang
 $u^*_{rel} = 158$
 %Regularität
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

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	47.72	0.0	0.0
LAB*LABa	47.72	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	0.03	0.0	0.0
LAB*LABa	0.03	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	-

$n^* = 1.0$

relative Inform. Technology (IT)

olvi3*	0.5	0.805	1.0	(1.0)
cmyn3*	0.5	0.195	0.0	(0.0)
olvi4*	0.5	0.805	1.0	1.0
cmyn4*	0.5	0.195	0.0	0.0

standard and adapted CIELAB

LAB*LAB	80.13	0.73	-24.31
LAB*LABa	80.13	0.73	-24.31
LAB*TCHa	75.0	24.33	271.72

relative CIELAB lab*

lab*lab	0.84	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	0.84	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	0.305	0.5	(1.0)
cmyn3*	1.0	0.695	0.5	(0.0)
olvi4*	0.5	0.805	1.0	0.5
cmyn4*	0.5	0.195	0.0	0.5

standard and adapted CIELAB

LAB*LAB	32.44	0.74	-24.32
LAB*LABa	32.44	0.74	-24.32
LAB*TCHa	25.01	24.34	271.75

relative CIELAB lab*

lab*lab	0.34	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	0.34	0.0	-0.499
lab*tce	0.25	0.5	0.75
lab*nce	0.5	0.5	b00r

$n^* = 0.50$

relative Inform. Technology (IT)

olvi3*	0.0	0.61	1.0	(1.0)
cmyn3*	1.0	0.39	0.0	(0.0)
olvi4*	0.0	0.61	1.0	1.0
cmyn4*	1.0	0.39	0.0	0.0

standard and adapted CIELAB

LAB*LAB	64.86	1.47	-48.64
LAB*LABa	64.86	1.47	-48.64
LAB*TCHa	50.0	48.67	271.74

relative CIELAB lab*

lab*lab	0.68	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	0.68	0.0	-0.999
lab*tce	0.5	1.0	0.75
lab*nce	0.0	1.0	g99b

$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*