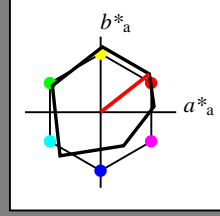


Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

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

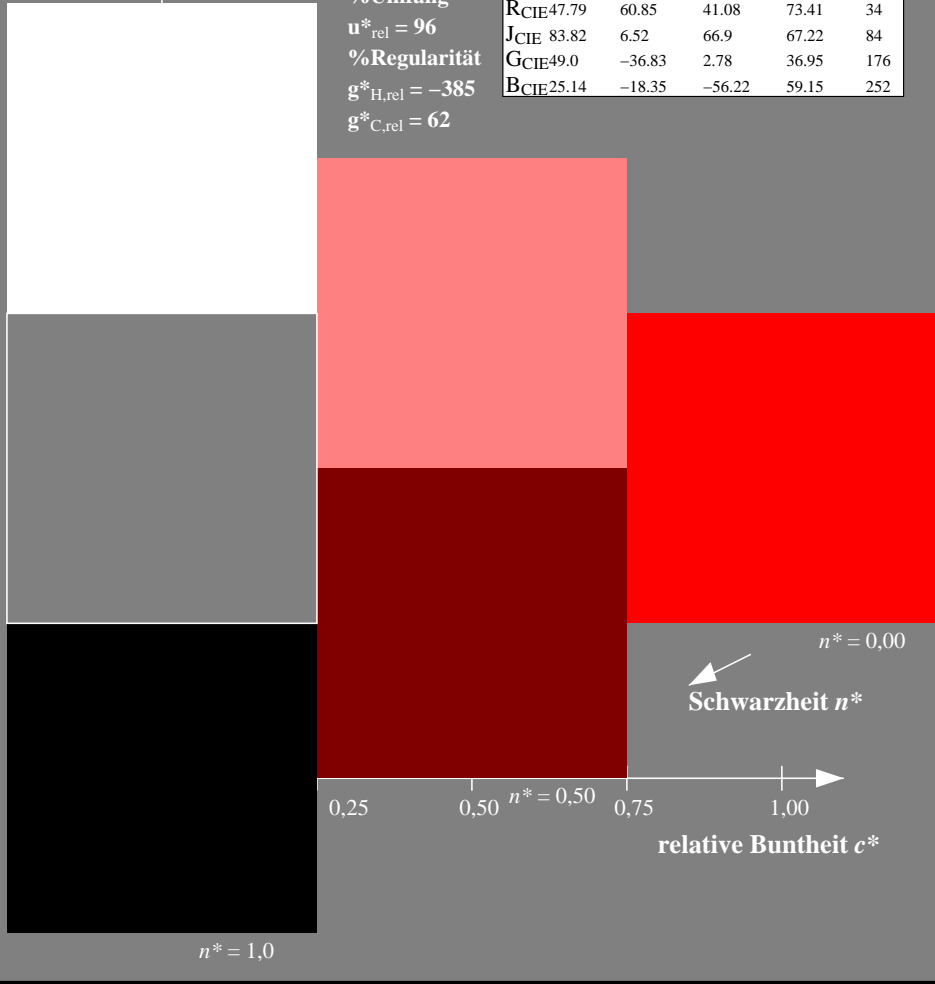
Dreiecks-Helligkeit  $t^*$



**ORS18; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.9	-63.82	35.02	72.81	151
CMa	51.25	-53.68	-57.69	78.82	227
VMa	25.72	30.34	-44.37	53.76	304
MMa	56.25	70.59	7.57	70.99	6
NMa	18.11	0.0	0.0	0.0	0
WMa	95.6	0.0	0.0	0.0	0
RCIE	47.79	60.85	41.08	73.41	34
JCIE	83.82	6.52	66.9	67.22	84
GCIE	49.0	-36.83	2.78	36.95	176
BCIE	25.14	-18.35	-56.22	59.15	252

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

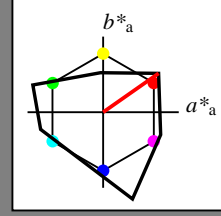


Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

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

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

Dreiecks-Helligkeit  $t^*$



**TLS00; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	77.48	-92.97	36.0	99.71	159
CMa	78.36	-82.69	-22.74	85.77	195
VMa	12.55	38.81	-114.81	121.2	289
MMa	66.71	76.08	-29.8	81.71	339
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	47.79	61.74	42.56	74.99	35
JCIE	83.82	7.06	70.78	71.13	84
GCIE	49.0	-35.95	4.34	36.22	173
BCIE	25.14	-17.24	-56.24	58.84	253

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

**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*	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	80.48	36.66	25.69
LAB*LABa	80.48	36.66	25.69
LAB*TCHa	75.0	44.77	35.02

**relative CIELAB lab\***

lab*lab	0.843	0.409	0.287
lab*tch	0.75	0.5	0.097
lab*nch	0.0	0.5	0.097

**relative Natural Colour (NC)**

lab*lrj	0.843	0.5	0.007
lab*tce	0.75	0.5	0.002
lab*nce	0.0	0.5	r00j

**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	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	32.79	36.66	25.69
LAB*LABa	32.79	36.66	25.69
LAB*TCHa	25.01	44.77	35.02

**relative CIELAB lab\***

lab*lab	0.344	0.409	0.287
lab*tch	0.25	0.5	0.097
lab*nch	0.5	0.5	0.097

**relative Natural Colour (NC)**

lab*lrj	0.344	0.5	0.007
lab*tce	0.25	0.5	0.002
lab*nce	0.5	0.5	r00j

**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**

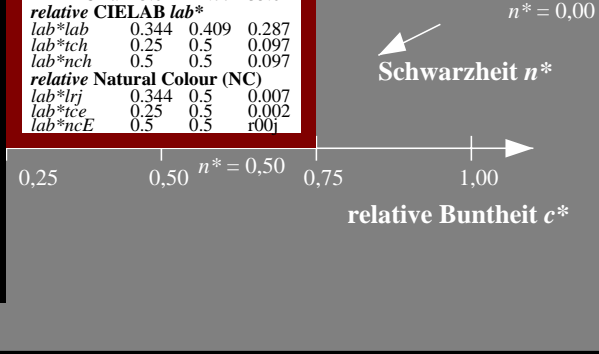
LAB*LAB	65.56	73.33	51.38
LAB*LABa	65.56	73.33	51.38
LAB*TCHa	50.0	89.53	35.02

**relative CIELAB lab\***

lab*lab	0.687	0.819	0.574
lab*tch	0.5	1.0	0.097
lab*nch	0.0	1.0	0.097

**relative Natural Colour (NC)**

lab*lrj	0.687	1.0	0.014
lab*tce	0.5	1.0	0.002
lab*nce	0.0	1.0	r00j



**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)**

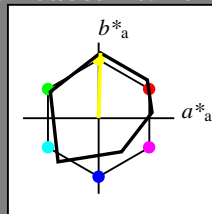
lab*lrj	0.0	0.0	0.0
lab*tce	0.0	0.0	-
lab*nce	1.0	0.0	-

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 88/360 = 0.246$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton Y  
 LCH\*Ma: 93 86 88  
 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	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.9	-63.82	35.02	72.81	151
CMa	51.25	-53.68	-57.69	78.82	227
VMa	25.72	30.34	-44.37	53.76	304
MMa	56.25	70.59	7.57	70.99	6
NMa	18.11	0.0	0.0	0.0	0
WMa	95.6	0.0	0.0	0.0	0
RCIE	47.79	60.85	41.08	73.41	34
JCIE	83.82	6.52	66.9	67.22	84
GCIE	49.0	-36.83	2.78	36.95	176
BCIE	25.14	-18.35	-56.22	59.15	252

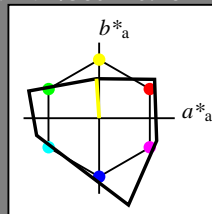
%Umfang  
 $u^*_{rel} = 96$   
 %Regularität  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 94/360 = 0.261$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton Y  
 LCH\*Ma: 95 52 94  
 olv\*Ma: 1.0 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	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	77.48	-92.97	36.0	99.71	159
CMa	78.36	-82.69	-22.74	85.77	195
VMa	12.55	38.81	-114.81	121.2	289
MMa	66.71	76.08	-29.8	81.71	339
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	47.79	61.74	42.56	74.99	35
JCIE	83.82	7.06	70.78	71.13	84
GCIE	49.0	-35.95	4.34	36.22	173
BCIE	25.14	-17.24	-56.24	58.84	253

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

**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*	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	95.09	-1.74	26.11
LAB*LABa	95.09	-1.74	26.11
LAB*TCHa	75.0	26.17	93.83

**relative CIELAB lab\***

lab*lab	0.997	-0.032	0.499
lab*tch	0.75	0.5	0.261
lab*nch	0.0	0.5	0.261

**relative Natural Colour (NC)**

lab*lrj	0.997	-0.083	0.493
lab*tce	0.75	0.5	0.277
lab*nce	0.0	0.5	j10g

**relative Inform. Technology (IT)**

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

**standard and adapted CIELAB**

LAB*LAB	94.77	-3.49	52.23
LAB*LABa	94.77	-3.49	52.23
LAB*TCHa	50.0	52.35	93.83

**relative CIELAB lab\***

lab*lab	0.993	-0.066	0.998
lab*tch	0.5	1.0	0.261
lab*nch	0.0	1.0	0.261

**relative Natural Colour (NC)**

lab*lrj	0.993	-0.167	0.986
lab*tce	0.5	1.0	0.277
lab*nce	0.0	1.0	j10g

**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	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	47.4	-1.74	26.11
LAB*LABa	47.4	-1.74	26.11
LAB*TCHa	25.01	26.17	93.83

**relative CIELAB lab\***

lab*lab	0.497	-0.032	0.499
lab*tch	0.25	0.5	0.261
lab*nch	0.5	0.5	0.261

**relative Natural Colour (NC)**

lab*lrj	0.497	-0.083	0.493
lab*tce	0.25	0.5	0.277
lab*nce	0.5	0.5	j10g

**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	-

**relative Inform. Technology (IT)**

olvi3*	0.5	0.5	0.0	(1.0)
cmyn3*	0.25	0.5	0.261	(0.0)
olvi4*	1.0	1.0	0.5	0.5
cmyn4*	0.5	0.5	0.261	0.5

**standard and adapted CIELAB**

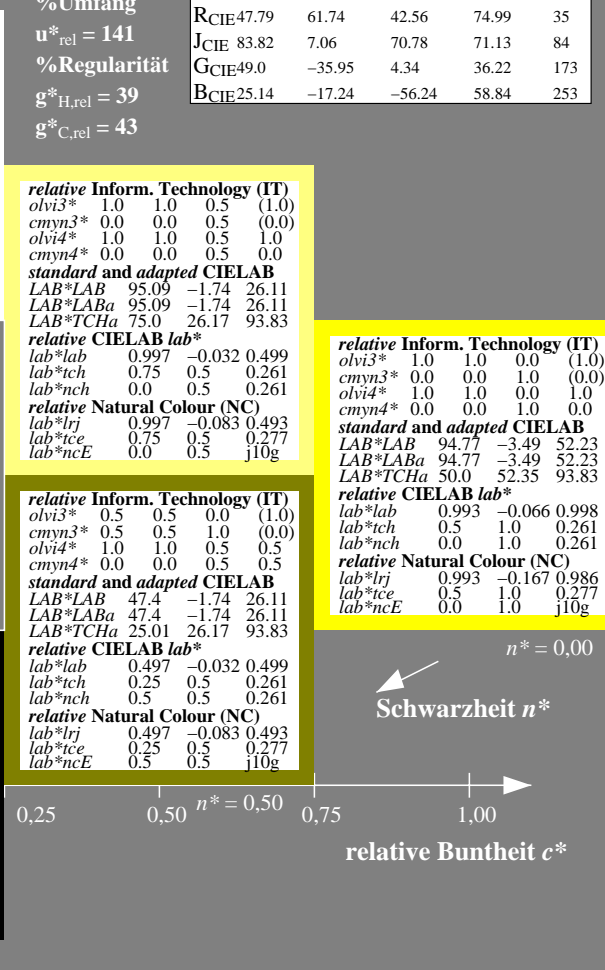
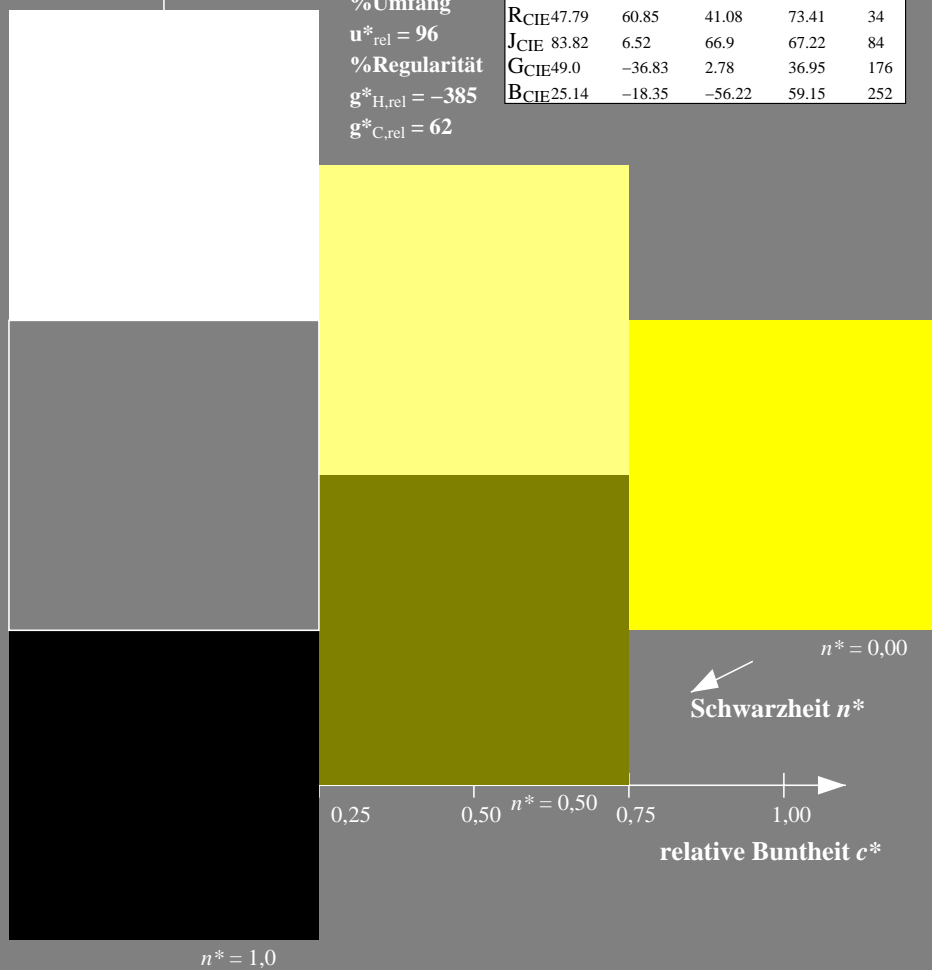
LAB*LAB	47.4	-1.74	26.11
LAB*LABa	47.4	-1.74	26.11
LAB*TCHa	25.01	26.17	93.83

**relative CIELAB lab\***

lab*lab	0.497	-0.032	0.499
lab*tch	0.25	0.5	0.261
lab*nch	0.5	0.5	0.261

**relative Natural Colour (NC)**

lab*lrj	0.497	-0.083	0.493
lab*tce	0.25	0.5	0.277
lab*nce	0.5	0.5	j10g



RG00-7, 3 stufige Reihen für konstanten CIELAB Buntton 88/360 = 0.246 (links)

3 stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.261 (rechts)

BAM-Prüfvorlage RG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv\* setrgbcolor

A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

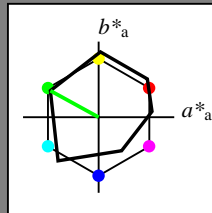
Siehe ähnliche Dateien: <http://www.ps.bam.de/RG00/>  
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-RG00/10L/L00G01NP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen  
 /RG00/ Form: 2/10, Serie: 1/1, Seite: 2  
 Seitenlung 2

**Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18**

für Buntton  $h^* = lab^*h = 151/360 = 0.42$   
 $lab^*tch$  und  $lab^*nch$

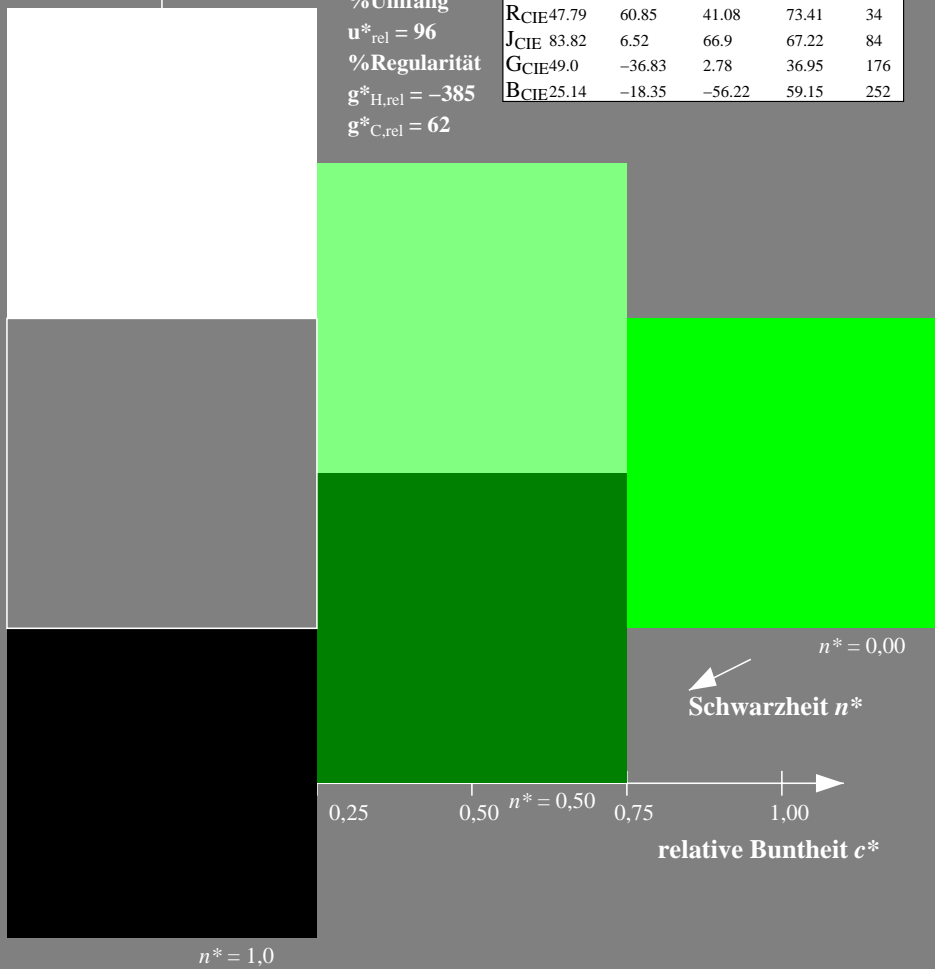
A: Buntton L  
 LCH\*Ma: 51 73 151  
 olv\*Ma: 0.0 1.0 0.0  
 Dreiecks-Helligkeit  $t^*$



**ORS18; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.9	-63.82	35.02	72.81	151
CMa	51.25	-53.68	-57.69	78.82	227
VMa	25.72	30.34	-44.37	53.76	304
MMa	56.25	70.59	7.57	70.99	6
NMa	18.11	0.0	0.0	0.0	0
WMa	95.6	0.0	0.0	0.0	0
RCIE	47.79	60.85	41.08	73.41	34
JCIE	83.82	6.52	66.9	67.22	84
GCIE	49.0	-36.83	2.78	36.95	176
BCIE	25.14	-18.35	-56.22	59.15	252

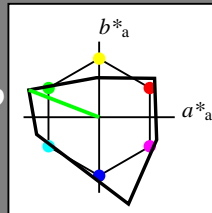
%Umfang  
 $u^*_{rel} = 96$   
 %Regularität  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$



**Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00**

für Buntton  $h^* = lab^*h = 159/360 = 0.441$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton L  
 LCH\*Ma: 77 100 159  
 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	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	77.48	-92.97	36.0	99.71	159
CMa	78.36	-82.69	-22.74	85.77	195
VMa	12.55	38.81	-114.81	121.2	289
MMa	66.71	76.08	-29.8	81.71	339
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	47.79	61.74	42.56	74.99	35
JCIE	83.82	7.06	70.78	71.13	84
GCIE	49.0	-35.95	4.34	36.22	173
BCIE	25.14	-17.24	-56.24	58.84	253

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

**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	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	86.44	-46.47	18.0
LAB*LABa	86.44	-46.47	18.0
LAB*TCHa	75.0	49.84	158.83

**relative CIELAB lab\***

lab*lab	0.906	-0.465	0.18
lab*tch	0.75	0.5	0.441
lab*nch	0.0	0.5	0.441

**relative Natural Colour (NC)**

lab*lrj	0.906	-0.483	0.125
lab*tce	0.75	0.5	0.46
lab*nce	0.0	0.5	j83g

**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	0.5	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	38.75	-46.47	18.0
LAB*LABa	38.75	-46.47	18.0
LAB*TCHa	25.01	49.84	158.83

**relative CIELAB lab\***

lab*lab	0.406	-0.465	0.18
lab*tch	0.25	0.5	0.441
lab*nch	0.5	0.5	0.441

**relative Natural Colour (NC)**

lab*lrj	0.406	-0.483	0.125
lab*tce	0.25	0.5	0.46
lab*nce	0.5	0.5	j83g

**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	-

**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**

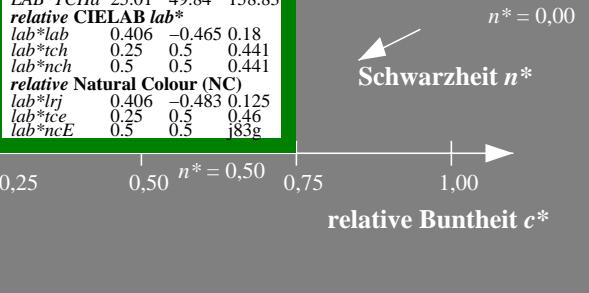
LAB*LAB	77.47	-92.95	35.99
LAB*LABa	77.47	-92.95	35.99
LAB*TCHa	50.0	99.69	158.83

**relative CIELAB lab\***

lab*lab	0.812	-0.931	0.361
lab*tch	0.5	1.0	0.441
lab*nch	0.0	1.0	0.441

**relative Natural Colour (NC)**

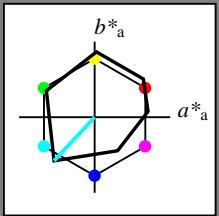
lab*lrj	0.812	-0.967	0.25
lab*tce	0.5	1.0	0.46
lab*nce	0.0	1.0	j83g



Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 227/360 = 0.631$   
 $lab^*tch$  und  $lab^*nch$

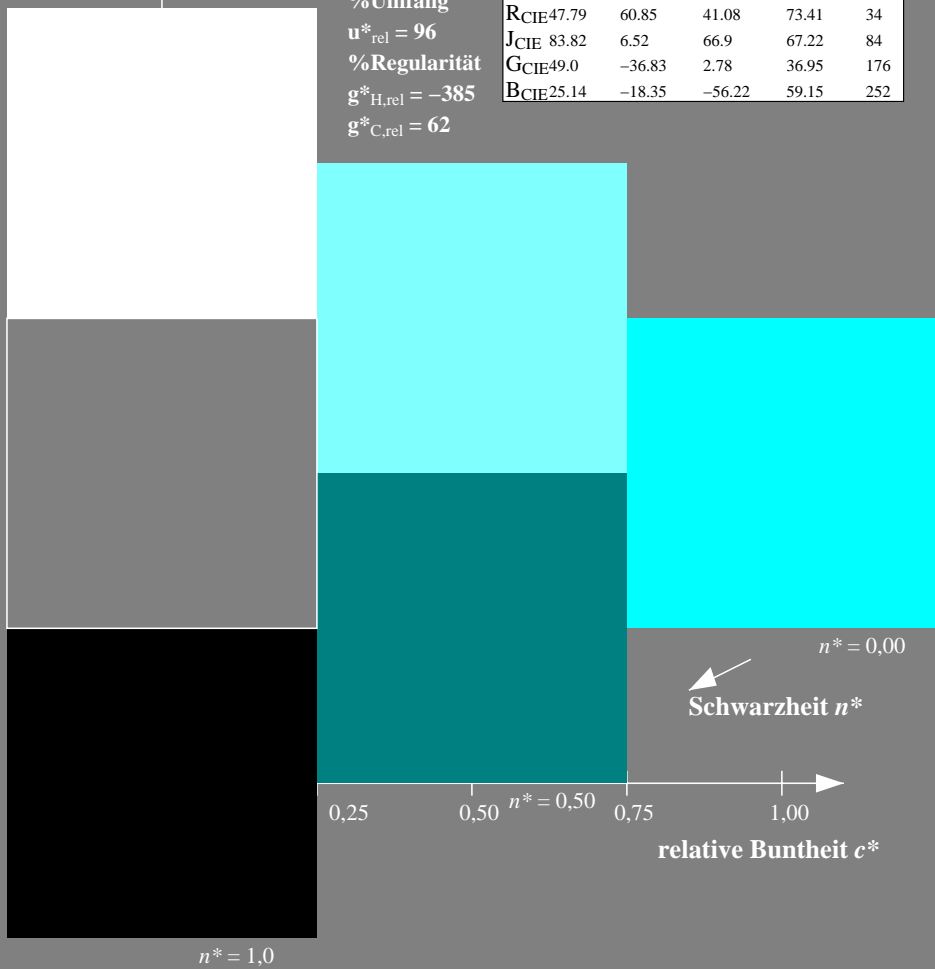
A: Buntton C  
 LCH\*Ma: 51 79 227  
 olv\*Ma: 0.0 1.0 1.0  
 Dreiecks-Helligkeit  $t^*$



**ORS18; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.9	-63.82	35.02	72.81	151
CMa	51.25	-53.68	-57.69	78.82	227
VMa	25.72	30.34	-44.37	53.76	304
MMa	56.25	70.59	7.57	70.99	6
NMa	18.11	0.0	0.0	0.0	0
WMa	95.6	0.0	0.0	0.0	0
RCIE	47.79	60.85	41.08	73.41	34
JCIE	83.82	6.52	66.9	67.22	84
GCIE	49.0	-36.83	2.78	36.95	176
BCIE	25.14	-18.35	-56.22	59.15	252

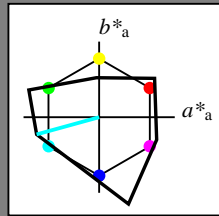
%Umfang  
 $u^*_{rel} = 96$   
 %Regularität  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$



Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 195/360 = 0.543$   
 $lab^*tch$  und  $lab^*nch$

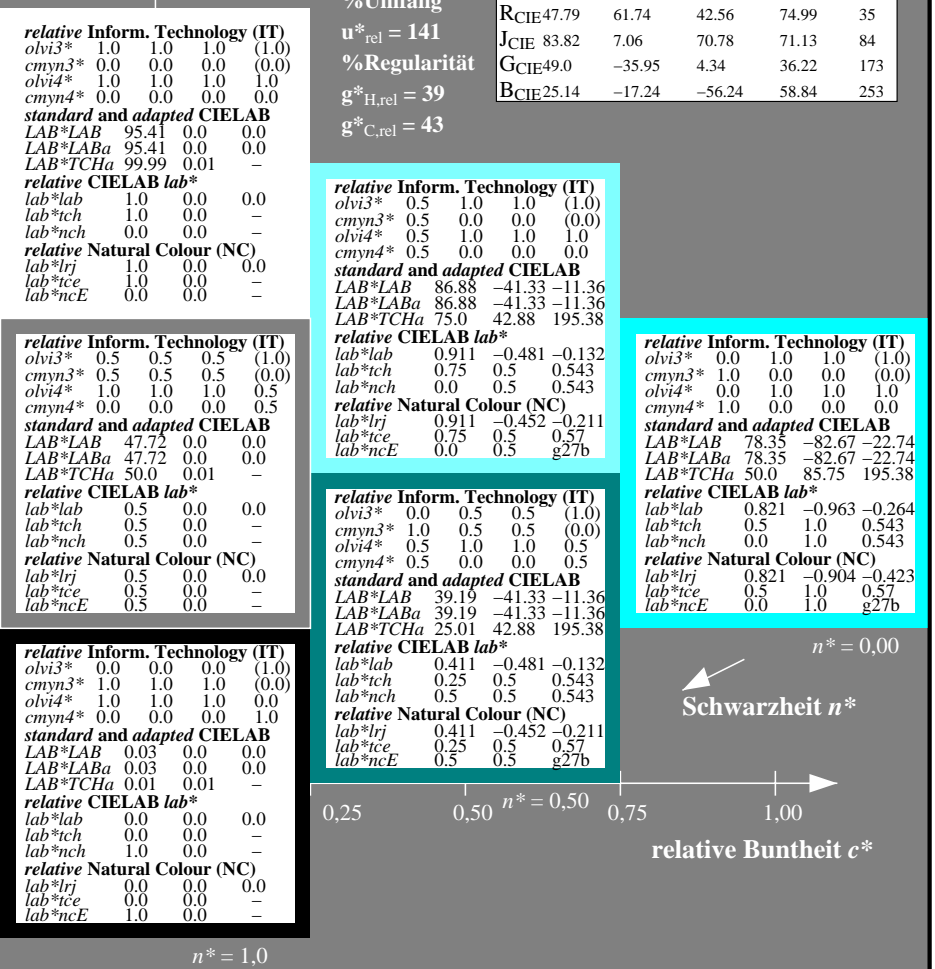
A: Buntton C  
 LCH\*Ma: 78 86 195  
 olv\*Ma: 0.0 1.0 1.0  
 Dreiecks-Helligkeit  $t^*$



**TLS00; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	77.48	-92.97	36.0	99.71	159
CMa	78.36	-82.69	-22.74	85.77	195
VMa	12.55	38.81	-114.81	121.2	289
MMa	66.71	76.08	-29.8	81.71	339
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	47.79	61.74	42.56	74.99	35
JCIE	83.82	7.06	70.78	71.13	84
GCIE	49.0	-35.95	4.34	36.22	173
BCIE	25.14	-17.24	-56.24	58.84	253

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



Siehe ähnliche Dateien: <http://www.ps.bam.de/RG00/>  
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

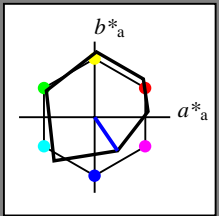
BAM-Registrierung: 20060101-RG00/10L/L00G03NP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen  
 /RG00/ Form: 4/10, Serie: 1/1, Seite: 4  
 Seitenhang 4



Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

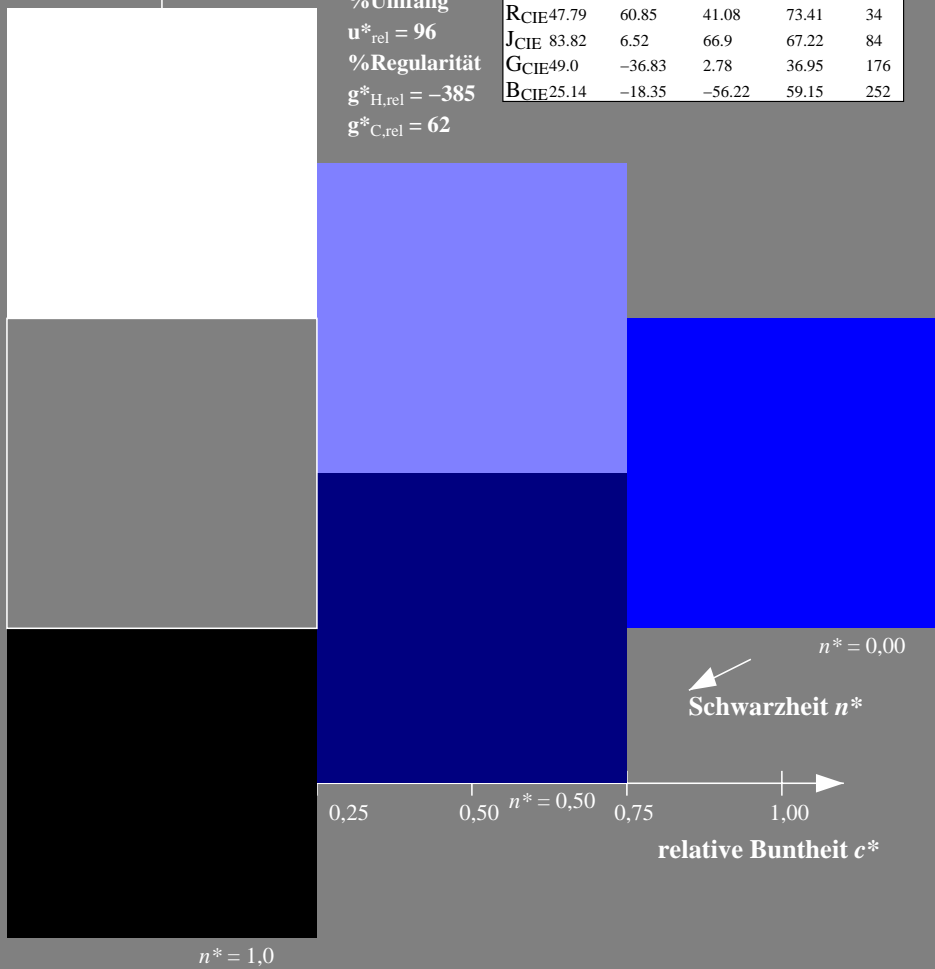
A: Buntton V  
 LCH\*Ma: 26 54 304  
 olv\*Ma: 0.0 0.0 1.0  
 Dreiecks-Helligkeit  $t^*$



**ORS18; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.9	-63.82	35.02	72.81	151
CMa	51.25	-53.68	-57.69	78.82	227
VMa	25.72	30.34	-44.37	53.76	304
MMa	56.25	70.59	7.57	70.99	6
NMa	18.11	0.0	0.0	0.0	0
WMa	95.6	0.0	0.0	0.0	0
RCIE	47.79	60.85	41.08	73.41	34
JCIE	83.82	6.52	66.9	67.22	84
GCIE	49.0	-36.83	2.78	36.95	176
BCIE	25.14	-18.35	-56.22	59.15	252

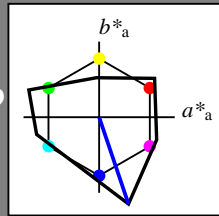
%Umfang  
 $u^*_{rel} = 96$   
 %Regularität  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$



Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 289/360 = 0.802$   
 $lab^*tch$  und  $lab^*nch$

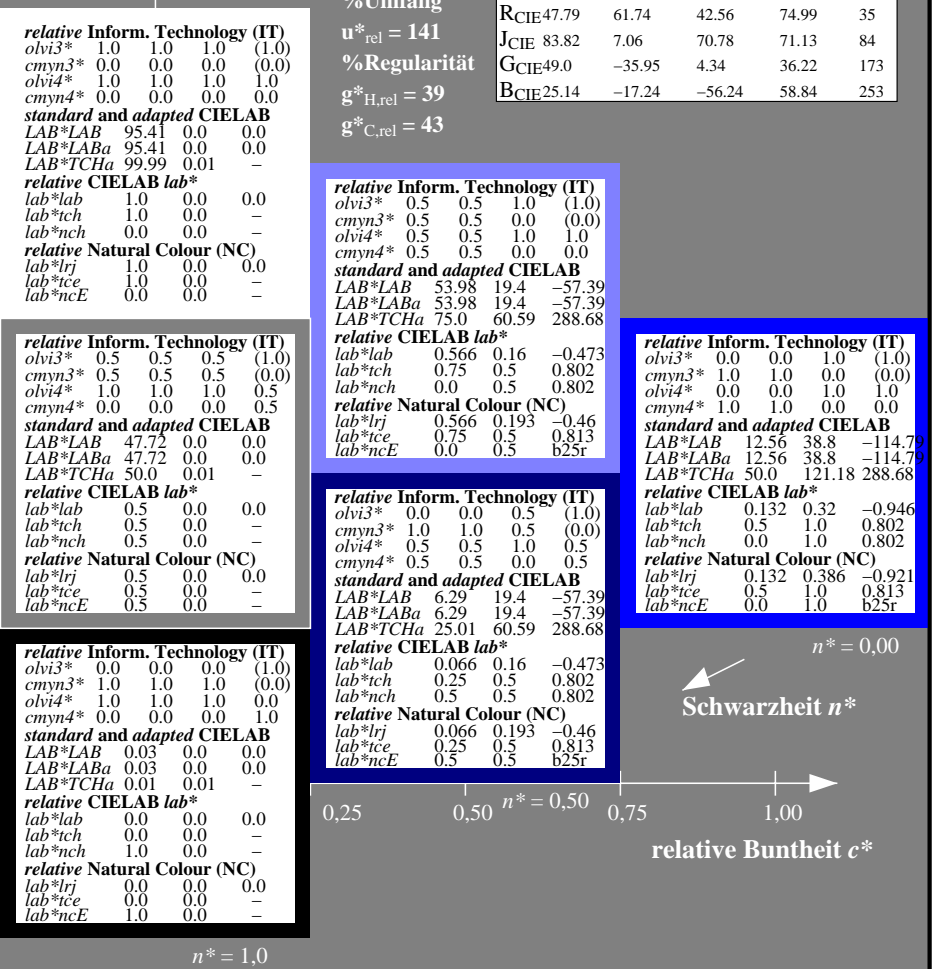
A: Buntton V  
 LCH\*Ma: 13 121 289  
 olv\*Ma: 0.0 0.0 1.0  
 Dreiecks-Helligkeit  $t^*$



**TLS00; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	77.48	-92.97	36.0	99.71	159
CMa	78.36	-82.69	-22.74	85.77	195
VMa	12.55	38.81	-114.81	121.2	289
MMa	66.71	76.08	-29.8	81.71	339
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	47.79	61.74	42.56	74.99	35
JCIE	83.82	7.06	70.78	71.13	84
GCIE	49.0	-35.95	4.34	36.22	173
BCIE	25.14	-17.24	-56.24	58.84	253

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



Siehe ähnliche Dateien: <http://www.ps.bam.de/RG00/>  
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-RG00/10L/L00G04NP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen  
 /RG00/ Form: 5/10, Serie: 1/1, Seite: 5  
 Seitenlung 5

RG00-7, 3 stufige Reihen für konstanten CIELAB Buntton 304/360 = 0.845 (links)

3 stufige Reihen für konstanten CIELAB Buntton 289/360 = 0.802 (rechts)

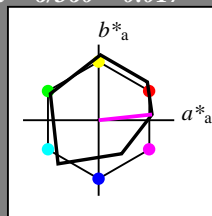
BAM-Prüfvorlage RG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv\* setrgbcolor  
 A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

**Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18**

für Buntton  $h^* = lab^*h = 6/360 = 0.017$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton M  
 LCH\*Ma: 56 71 6  
 olv\*Ma: 1.0 0.0 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	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.9	-63.82	35.02	72.81	151
CMa	51.25	-53.68	-57.69	78.82	227
VMa	25.72	30.34	-44.37	53.76	304
MMa	56.25	70.59	7.57	70.99	6
NMa	18.11	0.0	0.0	0.0	0
WMa	95.6	0.0	0.0	0.0	0
RCIE	47.79	60.85	41.08	73.41	34
JCIE	83.82	6.52	66.9	67.22	84
GCIE	49.0	-36.83	2.78	36.95	176
BCIE	25.14	-18.35	-56.22	59.15	252

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

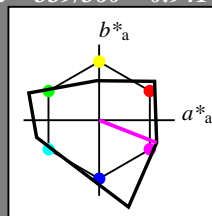


**Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00**

für Buntton  $h^* = lab^*h = 339/360 = 0.941$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton M  
 LCH\*Ma: 67 82 339  
 olv\*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$



**TLS00; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	77.48	-92.97	36.0	99.71	159
CMa	78.36	-82.69	-22.74	85.77	195
VMa	12.55	38.81	-114.81	121.2	289
MMa	66.71	76.08	-29.8	81.71	339
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	47.79	61.74	42.56	74.99	35
JCIE	83.82	7.06	70.78	71.13	84
GCIE	49.0	-35.95	4.34	36.22	173
BCIE	25.14	-17.24	-56.24	58.84	253

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

**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*	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	81.05	38.03	-14.89
LAB*LABa	81.05	38.03	-14.89
LAB*TCHa	75.0	40.85	338.6

**relative CIELAB lab\***

lab*lab	0.85	0.465	-0.181
lab*tch	0.75	0.5	0.941
lab*nch	0.0	0.5	0.941

**relative Natural Colour (NC)**

lab*lrj	0.85	0.407	-0.29
lab*tce	0.75	0.5	0.901
lab*nce	0.0	0.5	b60r

**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	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	33.36	38.03	-14.89
LAB*LABa	33.36	38.03	-14.89
LAB*TCHa	25.01	40.85	338.6

**relative CIELAB lab\***

lab*lab	0.35	0.465	-0.181
lab*tch	0.25	0.5	0.941
lab*nch	0.5	0.5	0.941

**relative Natural Colour (NC)**

lab*lrj	0.35	0.407	-0.29
lab*tce	0.25	0.5	0.901
lab*nce	0.5	0.5	b60r

**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**

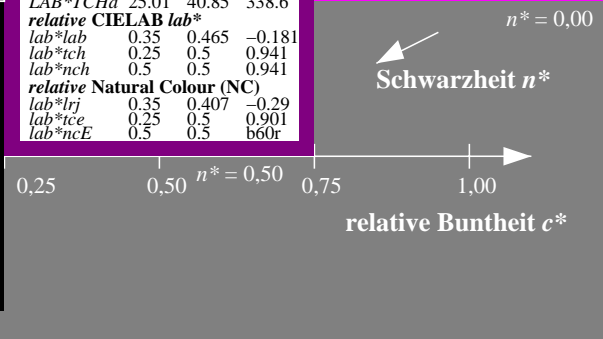
LAB*LAB	0.03	0.0	0.0
LAB*LABa	0.03	0.0	0.0
LAB*TCHa	0.01	0.01	-

**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	-



RG00-7, 3 stufige Reihen für konstanten CIELAB Buntton 6/360 = 0.017 (links)

3 stufige Reihen für konstanten CIELAB Buntton 339/360 = 0.941 (rechts)

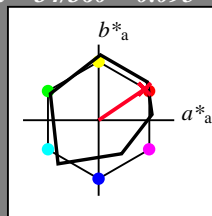
BAM-Prüfvorlage RG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv\* setrgbcolor

A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 34/360 = 0.095$   
 $lab^*tch$  und  $lab^*nch$

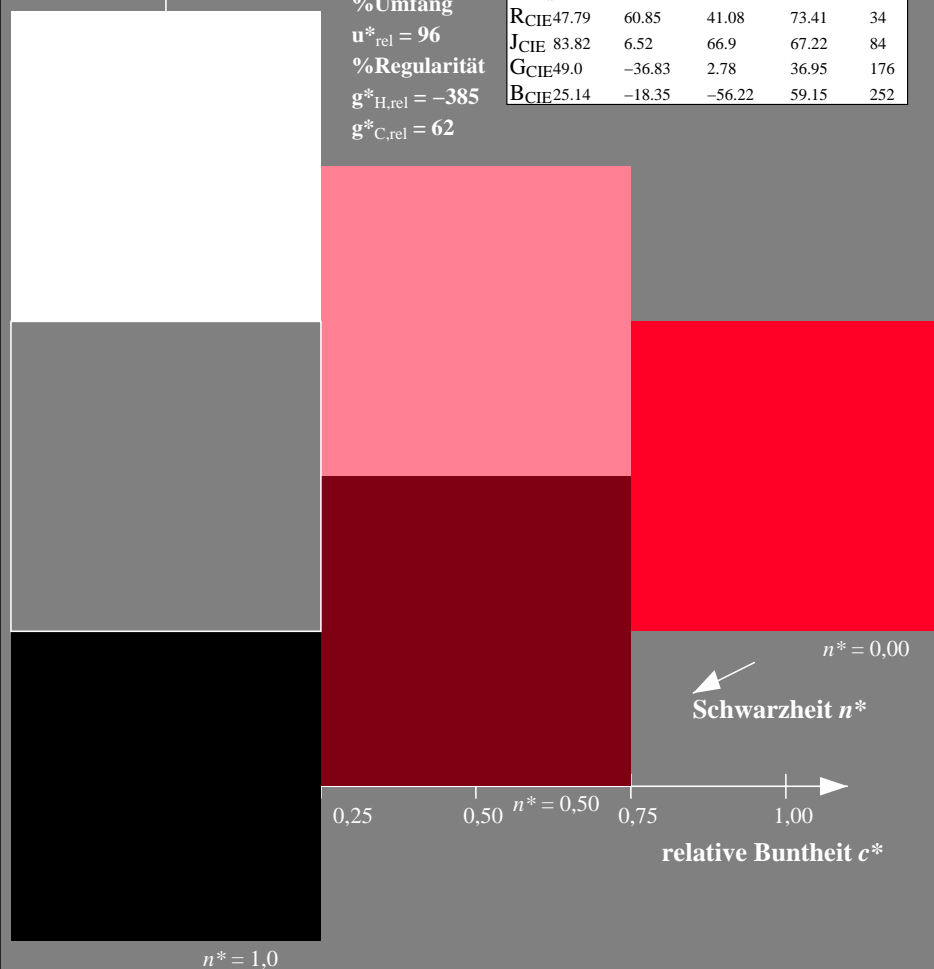
A: Buntton R  
 LCH\*Ma: 49 79 34  
 olv\*Ma: 1.0 0.0 0.15  
 Dreiecks-Helligkeit  $t^*$



**ORS18; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.9	-63.82	35.02	72.81	151
CMa	51.25	-53.68	-57.69	78.82	227
VMa	25.72	30.34	-44.37	53.76	304
MMa	56.25	70.59	7.57	70.99	6
NMa	18.11	0.0	0.0	0.0	0
WMa	95.6	0.0	0.0	0.0	0
RCIE	47.79	60.85	41.08	73.41	34
JCIE	83.82	6.52	66.9	67.22	84
GCIE	49.0	-36.83	2.78	36.95	176
BCIE	25.14	-18.35	-56.22	59.15	252

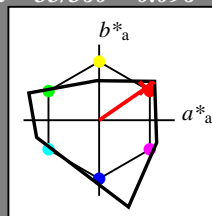
%Umfang  
 $u^*_{rel} = 96$   
 %Regularität  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$



Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 35/360 = 0.096$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton R  
 LCH\*Ma: 66 89 35  
 olv\*Ma: 1.0 0.0 0.01  
 Dreiecks-Helligkeit  $t^*$



**TLS00; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	77.48	-92.97	36.0	99.71	159
CMa	78.36	-82.69	-22.74	85.77	195
VMa	12.55	38.81	-114.81	121.2	289
MMa	66.71	76.08	-29.8	81.71	339
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	47.79	61.74	42.56	74.99	35
JCIE	83.82	7.06	70.78	71.13	84
GCIE	49.0	-35.95	4.34	36.22	173
BCIE	25.14	-17.24	-56.24	58.84	253

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

**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*	1.0	0.5	0.505	(1.0)
cmyn3*	0.0	0.5	0.495	(0.0)
olvi4*	1.0	0.5	0.505	1.0
cmyn4*	0.0	0.5	0.495	0.0

**standard and adapted CIELAB**

LAB*LAB	80.48	36.68	25.28
LAB*LABa	80.48	36.68	25.28
LAB*TCHa	75.0	44.55	34.58

**relative CIELAB lab\***

lab*lab	0.844	0.412	0.284
lab*tch	0.75	0.5	0.096
lab*nch	0.0	0.5	0.096

**relative Natural Colour (NC)**

lab*lrj	0.844	0.5	0.0
lab*tce	0.75	0.5	1.0
lab*nce	0.0	0.5	0.996

**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	0.0	0.005	(1.0)
cmyn3*	0.5	1.0	0.995	(0.0)
olvi4*	1.0	0.5	0.505	0.5
cmyn4*	0.0	0.5	0.495	0.5

**standard and adapted CIELAB**

LAB*LAB	32.79	36.68	25.29
LAB*LABa	32.79	36.68	25.29
LAB*TCHa	25.01	44.55	34.59

**relative CIELAB lab\***

lab*lab	0.344	0.412	0.284
lab*tch	0.25	0.5	0.096
lab*nch	0.5	0.5	0.096

**relative Natural Colour (NC)**

lab*lrj	0.344	0.5	0.0
lab*tce	0.25	0.5	0.0
lab*nce	0.5	0.5	0.096

**relative Inform. Technology (IT)**

olvi3*	1.0	0.0	0.01	(1.0)
cmyn3*	0.0	1.0	0.99	(0.0)
olvi4*	1.0	0.0	0.01	1.0
cmyn4*	0.0	1.0	0.99	0.0

**standard and adapted CIELAB**

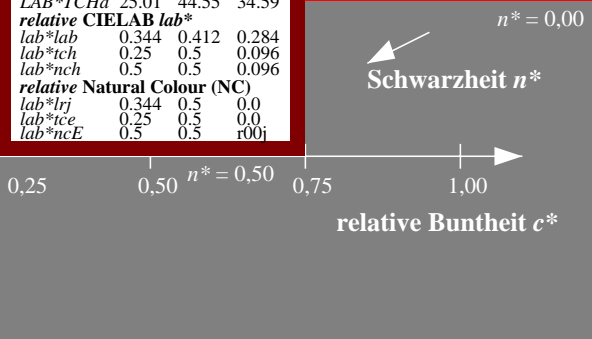
LAB*LAB	65.57	73.35	50.57
LAB*LABa	65.57	73.35	50.57
LAB*TCHa	50.0	89.1	34.58

**relative CIELAB lab\***

lab*lab	0.687	0.823	0.568
lab*tch	0.5	1.0	0.096
lab*nch	0.0	1.0	0.096

**relative Natural Colour (NC)**

lab*lrj	0.687	1.0	0.0
lab*tce	0.5	1.0	0.0
lab*nce	0.0	1.0	0.096



RG00-7, 3 stufige Reihen für konstanten CIELAB Buntton 34/360 = 0.095 (links)

3 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.096 (rechts)

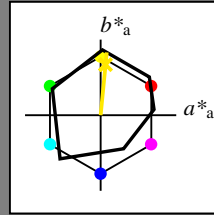
BAM-Prüfvorlage RG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv\* setrgbcolor

A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 84/360 = 0.235$   
 $lab^*tch$  und  $lab^*nch$

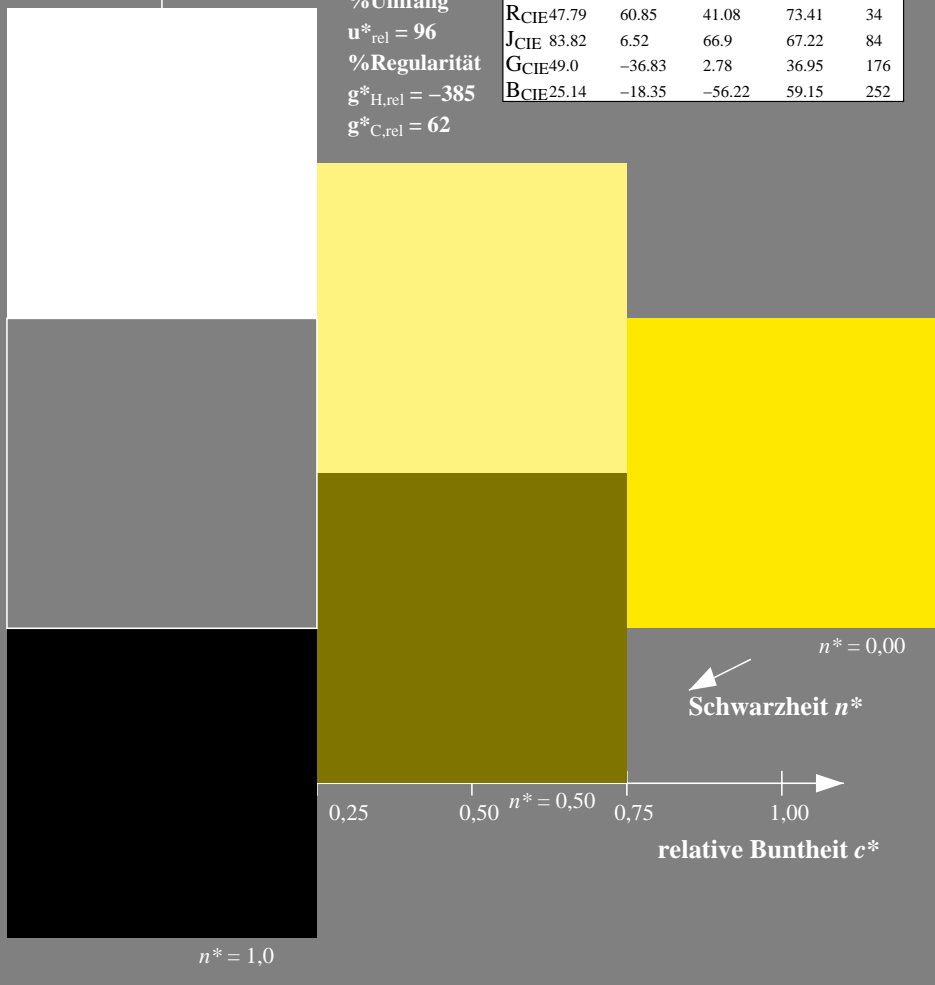
A: Buntton J  
 LCH\*Ma: 89 83 84  
 olv\*Ma: 1.0 0.91 0.0  
 Dreiecks-Helligkeit  $t^*$



**ORS18; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.9	-63.82	35.02	72.81	151
CMa	51.25	-53.68	-57.69	78.82	227
VMa	25.72	30.34	-44.37	53.76	304
MMa	56.25	70.59	7.57	70.99	6
NMa	18.11	0.0	0.0	0.0	0
WMa	95.6	0.0	0.0	0.0	0
RCIE	47.79	60.85	41.08	73.41	34
JCIE	83.82	6.52	66.9	67.22	84
GCIE	49.0	-36.83	2.78	36.95	176
BCIE	25.14	-18.35	-56.22	59.15	252

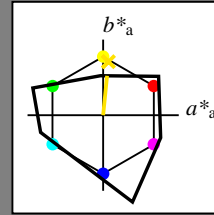
%Umfang  
 $u^*_{rel} = 96$   
 %Regularität  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$



Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 84/360 = 0.234$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton J  
 LCH\*Ma: 91 52 84  
 olv\*Ma: 1.0 0.89 0.0  
 Dreiecks-Helligkeit  $t^*$



**TLS00; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	77.48	-92.97	36.0	99.71	159
CMa	78.36	-82.69	-22.74	85.77	195
VMa	12.55	38.81	-114.81	121.2	289
MMa	66.71	76.08	-29.8	81.71	339
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	47.79	61.74	42.56	74.99	35
JCIE	83.82	7.06	70.78	71.13	84
GCIE	49.0	-35.95	4.34	36.22	173
BCIE	25.14	-17.24	-56.24	58.84	253

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

**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*	1.0	0.943	0.5	(1.0)
cmyn3*	0.0	0.057	0.5	(0.0)
olvi4*	1.0	0.943	0.5	1.0
cmyn4*	0.0	0.057	0.5	0.0

**standard and adapted CIELAB**

LAB*LAB	93.43	2.59	26.07
LAB*LABa	93.43	2.59	26.07
LAB*TCHa	75.0	26.2	84.32

**relative CIELAB lab\***

lab*lab	0.979	0.049	0.497
lab*tch	0.75	0.5	0.234
lab*nch	0.0	0.5	0.234

**relative Natural Colour (NC)**

lab*lrj	0.979	0.0	0.5
lab*tce	0.75	0.5	0.25
lab*nce	0.0	0.5	j00g

**relative Inform. Technology (IT)**

olvi3*	1.0	0.887	0.0	(1.0)
cmyn3*	0.0	0.113	1.0	(0.0)
olvi4*	1.0	0.887	0.0	1.0
cmyn4*	0.0	0.113	1.0	0.0

**standard and adapted CIELAB**

LAB*LAB	91.46	5.19	52.13
LAB*LABa	91.46	5.19	52.13
LAB*TCHa	50.0	52.39	84.31

**relative CIELAB lab\***

lab*lab	0.959	0.099	0.995
lab*tch	0.5	1.0	0.234
lab*nch	0.0	1.0	0.234

**relative Natural Colour (NC)**

lab*lrj	0.959	0.0	1.0
lab*tce	0.5	1.0	0.25
lab*nce	0.0	1.0	j00g

**relative Inform. Technology (IT)**

olvi3*	0.5	0.443	0.0	(1.0)
cmyn3*	0.5	0.557	1.0	(0.0)
olvi4*	1.0	0.943	0.5	0.5
cmyn4*	0.0	0.057	0.5	0.5

**standard and adapted CIELAB**

LAB*LAB	45.74	2.6	26.07
LAB*LABa	45.74	2.6	26.07
LAB*TCHa	25.01	26.2	84.3

**relative CIELAB lab\***

lab*lab	0.479	0.05	0.497
lab*tch	0.25	0.5	0.234
lab*nch	0.5	0.5	0.234

**relative Natural Colour (NC)**

lab*lrj	0.479	0.0	0.5
lab*tce	0.25	0.5	0.25
lab*nce	0.5	0.5	j99j

**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	-

RG00-7, 3 stufige Reihen für konstanten CIELAB Buntton 84/360 = 0.235 (links)

3 stufige Reihen für konstanten CIELAB Buntton 84/360 = 0.234 (rechts)

BAM-Prüfvorlage RG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv\* setrgbcolor  
 A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

BAM-Registrierung: 20060101-RG00/10L/L00G07NP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen  
 /RG00/ Form: 8/10, Serie: 1/1, Seite: 8  
 Seitenzahl: 8

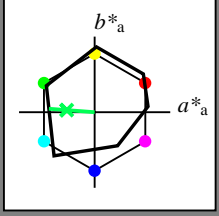


**Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18**

für Buntton  $h^* = lab^*h = 176/360 = 0.488$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton G  
 LCH\*Ma: 51 61 176  
 olv\*Ma: 0.0 1.0 0.33

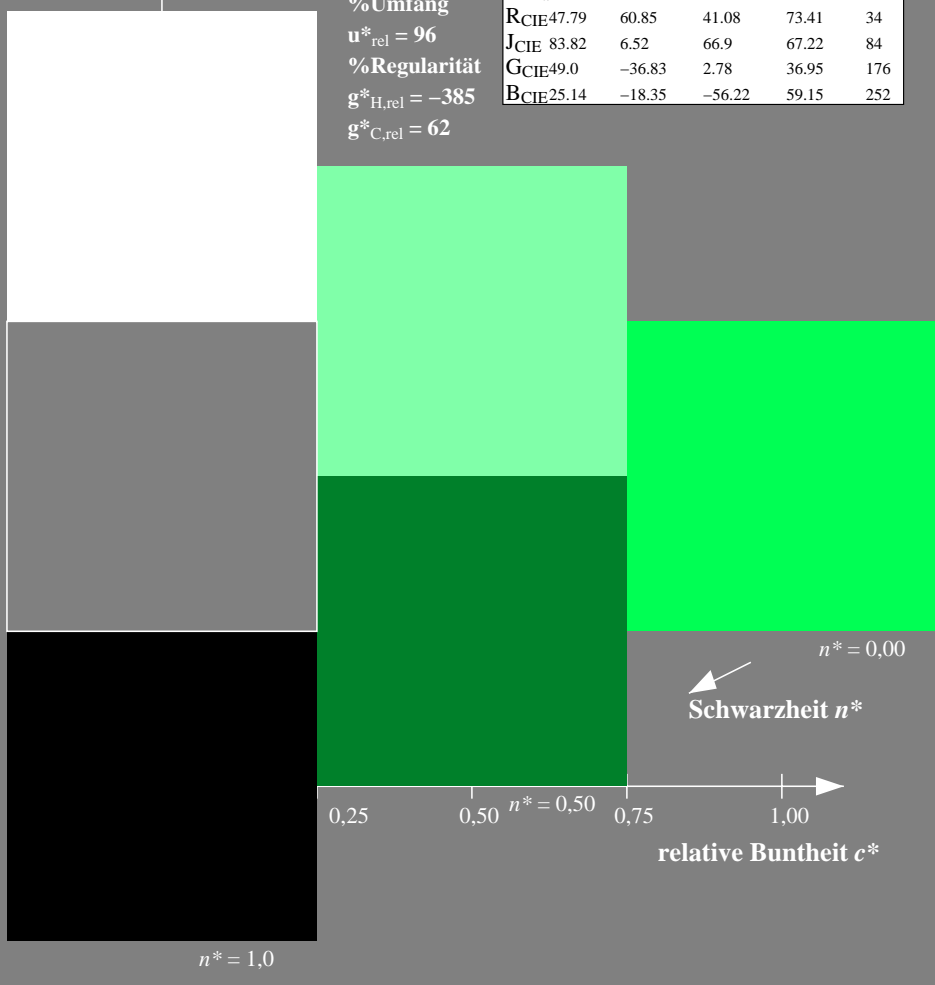
Dreiecks-Helligkeit  $t^*$



**ORS18; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.9	-63.82	35.02	72.81	151
CMa	51.25	-53.68	-57.69	78.82	227
VMa	25.72	30.34	-44.37	53.76	304
MMa	56.25	70.59	7.57	70.99	6
NMa	18.11	0.0	0.0	0.0	0
WMa	95.6	0.0	0.0	0.0	0
RCIE	47.79	60.85	41.08	73.41	34
JCIE	83.82	6.52	66.9	67.22	84
GCIE	49.0	-36.83	2.78	36.95	176
BCIE	25.14	-18.35	-56.22	59.15	252

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

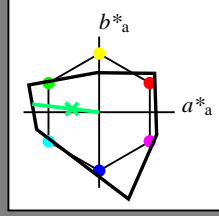


**Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00**

für Buntton  $h^* = lab^*h = 173/360 = 0.481$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton G  
 LCH\*Ma: 78 89 173  
 olv\*Ma: 0.0 1.0 0.43

Dreiecks-Helligkeit  $t^*$



**TLS00; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	77.48	-92.97	36.0	99.71	159
CMa	78.36	-82.69	-22.74	85.77	195
VMa	12.55	38.81	-114.81	121.2	289
MMa	66.71	76.08	-29.8	81.71	339
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	47.79	61.74	42.56	74.99	35
JCIE	83.82	7.06	70.78	71.13	84
GCIE	49.0	-35.95	4.34	36.22	173
BCIE	25.14	-17.24	-56.24	58.84	253

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

**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)**  
 $lab^*lrj = 0.0 \ 0.0 \ 0.0$   
 $lab^*tce = 0.0 \ 0.0 \ -$   
 $lab^*nce = 1.0 \ 0.0 \ -$

**relative Inform. Technology (IT)**  
 $olvi3^* = 0.5 \ 1.0 \ 0.715 \ (1.0)$   
 $cmyn3^* = 0.5 \ 0.0 \ 0.285 \ (0.0)$   
 $olvi4^* = 0.5 \ 1.0 \ 0.716 \ 1.0$   
 $cmyn4^* = 0.5 \ 0.0 \ 0.284 \ 0.0$

**standard and adapted CIELAB**  
 $LAB^*LAB = 86.63 \ -44.26 \ 5.34$   
 $LAB^*LABa = 86.63 \ -44.26 \ 5.34$   
 $LAB^*TCHa = 75.0 \ 44.59 \ 173.12$

**relative CIELAB lab\***  
 $lab^*lab = 0.908 \ -0.495 \ 0.06$   
 $lab^*tch = 0.75 \ 0.5 \ 0.481$   
 $lab^*nch = 0.0 \ 0.5 \ 0.481$

**relative Natural Colour (NC)**  
 $lab^*lrj = 0.908 \ -0.499 \ 0.0$   
 $lab^*tce = 0.75 \ 0.5 \ 0.5$   
 $lab^*nce = 0.0 \ 0.5 \ g00b$

**relative Inform. Technology (IT)**  
 $olvi3^* = 0.0 \ 0.5 \ 0.215 \ (1.0)$   
 $cmyn3^* = 1.0 \ 0.5 \ 0.785 \ (0.0)$   
 $olvi4^* = 0.5 \ 1.0 \ 0.715 \ 0.5$   
 $cmyn4^* = 0.5 \ 0.0 \ 0.285 \ 0.5$

**standard and adapted CIELAB**  
 $LAB^*LAB = 38.94 \ -44.26 \ 5.35$   
 $LAB^*LABa = 38.94 \ -44.26 \ 5.35$   
 $LAB^*TCHa = 25.01 \ 44.59 \ 173.11$

**relative CIELAB lab\***  
 $lab^*lab = 0.408 \ -0.495 \ 0.06$   
 $lab^*tch = 0.25 \ 0.5 \ 0.481$   
 $lab^*nch = 0.5 \ 0.5 \ 0.481$

**relative Natural Colour (NC)**  
 $lab^*lrj = 0.408 \ -0.499 \ 0.0$   
 $lab^*tce = 0.25 \ 0.5 \ 0.5$   
 $lab^*nce = 0.5 \ 0.5 \ j99g$

**relative Inform. Technology (IT)**  
 $olvi3^* = 0.0 \ 0.5 \ 0.215 \ (1.0)$   
 $cmyn3^* = 1.0 \ 0.5 \ 0.785 \ (0.0)$   
 $olvi4^* = 0.5 \ 1.0 \ 0.715 \ 0.5$   
 $cmyn4^* = 0.5 \ 0.0 \ 0.285 \ 0.5$

**standard and adapted CIELAB**  
 $LAB^*LAB = 38.94 \ -44.26 \ 5.35$   
 $LAB^*LABa = 38.94 \ -44.26 \ 5.35$   
 $LAB^*TCHa = 25.01 \ 44.59 \ 173.11$

**relative CIELAB lab\***  
 $lab^*lab = 0.408 \ -0.495 \ 0.06$   
 $lab^*tch = 0.25 \ 0.5 \ 0.481$   
 $lab^*nch = 0.5 \ 0.5 \ 0.481$

**relative Natural Colour (NC)**  
 $lab^*lrj = 0.408 \ -0.499 \ 0.0$   
 $lab^*tce = 0.25 \ 0.5 \ 0.5$   
 $lab^*nce = 0.5 \ 0.5 \ j99g$

**relative Inform. Technology (IT)**  
 $olvi3^* = 0.0 \ 1.0 \ 0.431 \ (1.0)$   
 $cmyn3^* = 1.0 \ 0.0 \ 0.569 \ (0.0)$   
 $olvi4^* = 0.0 \ 1.0 \ 0.431 \ 1.0$   
 $cmyn4^* = 1.0 \ 0.0 \ 0.569 \ 0.0$

**standard and adapted CIELAB**  
 $LAB^*LAB = 77.85 \ -88.52 \ 10.69$   
 $LAB^*LABa = 77.85 \ -88.52 \ 10.69$   
 $LAB^*TCHa = 50.0 \ 89.18 \ 173.12$

**relative CIELAB lab\***  
 $lab^*lab = 0.816 \ -0.992 \ 0.12$   
 $lab^*tch = 0.5 \ 1.0 \ 0.481$   
 $lab^*nch = 0.0 \ 1.0 \ 0.481$

**relative Natural Colour (NC)**  
 $lab^*lrj = 0.816 \ -0.999 \ 0.0$   
 $lab^*tce = 0.5 \ 1.0 \ 0.5$   
 $lab^*nce = 0.0 \ 1.0 \ j99g$

RG000-7, 3 stufige Reihen für konstanten CIELAB Buntton 176/360 = 0.488 (links)

3 stufige Reihen für konstanten CIELAB Buntton 173/360 = 0.481 (rechts)

BAM-Prüfvorlage RG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv\* setrgbcolor

A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

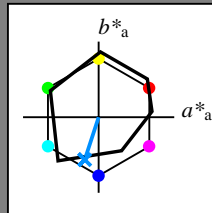
Siehe ähnliche Dateien: <http://www.ps.bam.de/RG00/>  
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-RG00/10L/L00G08NP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen  
 /RG00/ Form 9/10, Serie: 1/1, Seite: 9  
 Seitenzahl 9

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 252/360 = 0.7$   
 $lab^*tch$  und  $lab^*nch$

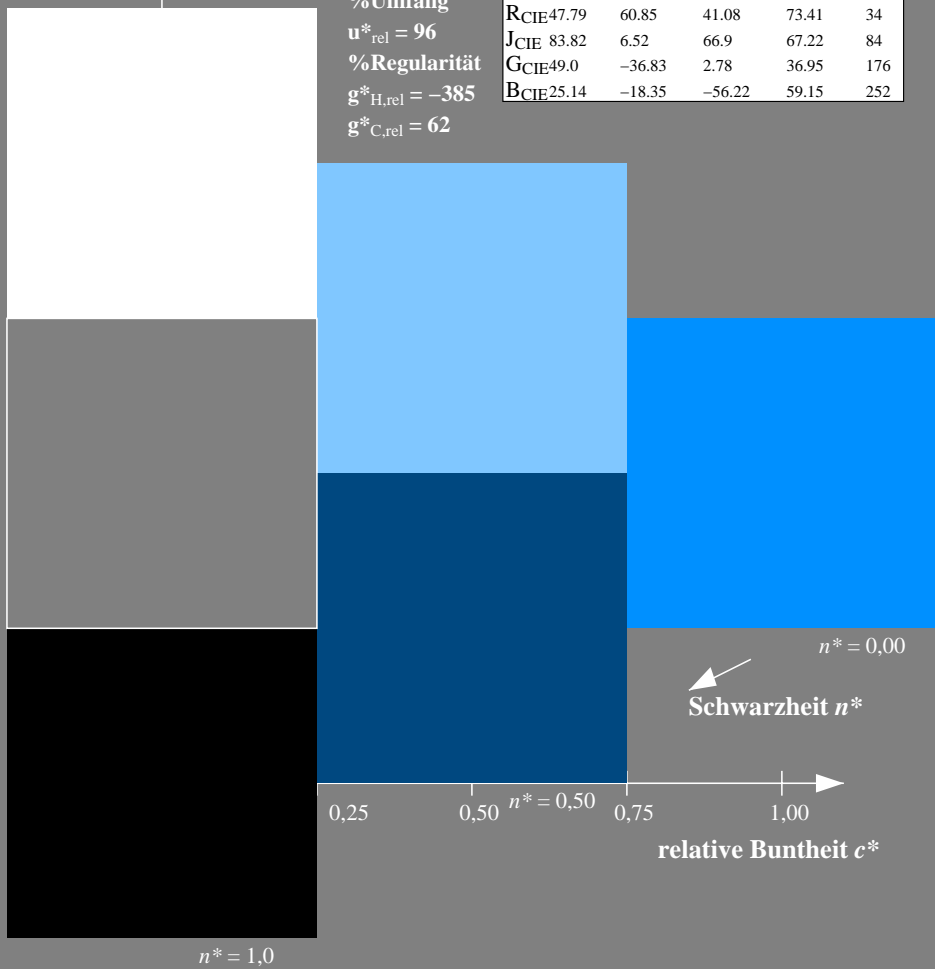
A: Buntton B  
 LCH\*Ma: 40 55 252  
 olv\*Ma: 0.0 0.56 1.0  
 Dreiecks-Helligkeit  $t^*$



**ORS18; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.9	-63.82	35.02	72.81	151
CMa	51.25	-53.68	-57.69	78.82	227
VMa	25.72	30.34	-44.37	53.76	304
MMa	56.25	70.59	7.57	70.99	6
NMa	18.11	0.0	0.0	0.0	0
WMa	95.6	0.0	0.0	0.0	0
RCIE	47.79	60.85	41.08	73.41	34
JCIE	83.82	6.52	66.9	67.22	84
GCIE	49.0	-36.83	2.78	36.95	176
BCIE	25.14	-18.35	-56.22	59.15	252

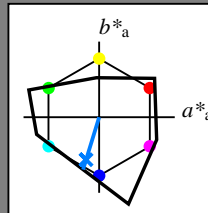
%Umfang  
 $u^*_{rel} = 96$   
 %Regularität  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$



Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 253/360 = 0.703$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton B  
 LCH\*Ma: 45 72 253  
 olv\*Ma: 0.0 0.49 1.0  
 Dreiecks-Helligkeit  $t^*$



**TLS00; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	77.48	-92.97	36.0	99.71	159
CMa	78.36	-82.69	-22.74	85.77	195
VMa	12.55	38.81	-114.81	121.2	289
MMa	66.71	76.08	-29.8	81.71	339
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	47.79	61.74	42.56	74.99	35
JCIE	83.82	7.06	70.78	71.13	84
GCIE	49.0	-35.95	4.34	36.22	173
BCIE	25.14	-17.24	-56.24	58.84	253

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

**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	0.747	1.0	(1.0)
cmyn3*	0.5	0.253	0.0	(0.0)
olvi4*	0.5	0.747	1.0	1.0
cmyn4*	0.5	0.253	0.0	0.0

**standard and adapted CIELAB**

LAB*LAB	70.24	-10.62	-34.63
LAB*LABa	70.24	-10.62	-34.63
LAB*TCHa	75.0	36.24	252.94

**relative CIELAB lab\***

lab*lab	0.736	-0.146	-0.477
lab*tch	0.75	0.5	0.703
lab*nch	0.0	0.5	0.703

**relative Natural Colour (NC)**

lab*lrj	0.736	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	0.494	1.0	(1.0)
cmyn3*	1.0	0.506	0.0	(0.0)
olvi4*	0.0	0.494	1.0	1.0
cmyn4*	1.0	0.506	0.0	0.0

**standard and adapted CIELAB**

LAB*LAB	45.08	-21.24	-69.28
LAB*LABa	45.08	-21.24	-69.28
LAB*TCHa	50.0	72.48	252.95

**relative CIELAB lab\***

lab*lab	0.472	-0.292	-0.955
lab*tch	0.5	1.0	0.703
lab*nch	0.0	1.0	0.703

**relative Natural Colour (NC)**

lab*lrj	0.472	0.0	-0.999
lab*tce	0.5	1.0	0.75
lab*nce	0.0	1.0	b00r

**relative Inform. Technology (IT)**

olvi3*	0.0	0.247	0.5	(1.0)
cmyn3*	1.0	0.753	0.5	(0.0)
olvi4*	0.5	0.747	1.0	0.5
cmyn4*	0.5	0.253	0.0	0.5

**standard and adapted CIELAB**

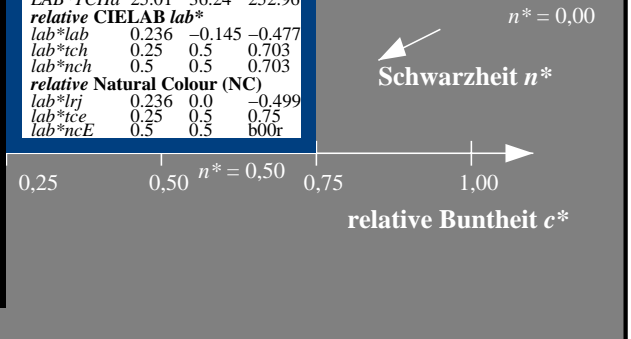
LAB*LAB	22.55	-10.61	-34.64
LAB*LABa	22.55	-10.61	-34.64
LAB*TCHa	25.01	36.24	252.96

**relative CIELAB lab\***

lab*lab	0.236	-0.145	-0.477
lab*tch	0.25	0.5	0.703
lab*nch	0.5	0.5	0.703

**relative Natural Colour (NC)**

lab*lrj	0.236	0.0	-0.499
lab*tce	0.25	0.5	0.75
lab*nce	0.5	0.5	b00r



RG00-7, 3 stufige Reihen für konstanten CIELAB Buntton 252/360 = 0.7 (links)

3 stufige Reihen für konstanten CIELAB Buntton 253/360 = 0.703 (rechts)

BAM-Prüfvorlage RG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv\* setrgbcolor

A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Siehe ähnliche Dateien: <http://www.ps.bam.de/RG00/>  
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-RG00/10L/L00G09NP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen  
 /RG00/ Form: 10/10 Serie: 1/1, Seite: 10  
 Seitenzahl: 10