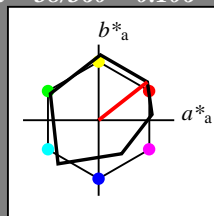


Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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**

	$L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
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  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$

**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	95.6	0.43	4.65
LAB*LABa	95.6	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	56.86	0.8	2.08
LAB*LABa	56.86	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	18.12	1.18	-0.49
LAB*LABa	18.12	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	-

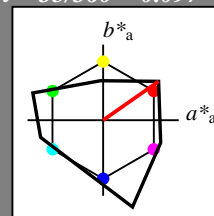
$n^* = 1.0$

Ausgabe: Farbmetrisches 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  $t^*$



%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	-

$n^* = 1.0$

**TLS00; adaptierte CIELAB-Daten**

	$L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
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	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*	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*	0.5	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)**

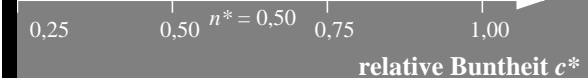
lab*lrj	0.344	0.5	0.007
lab*tce	0.25	0.5	0.002
lab*nce	0.5	0.5	r00j

$n^* = 0.00$

$n^* = 0.00$



relative Buntheit  $c^*$



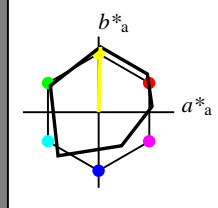
relative Buntheit  $c^*$

Eingabe: Farbmetrisches 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

	$L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
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  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$

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	95.6	0.43	4.65
LAB*LABa	95.6	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	56.86	0.8	2.08
LAB*LABa	56.86	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	18.12	1.18	-0.49
LAB*LABa	18.12	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*	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	94.1	1.65	47.73
LAB*LABa	94.1	1.21	43.17
LAB*TCHa	75.0	43.19	88.4

relative CIELAB lab\*

lab*lab	0.981	0.014	0.5
lab*tch	0.75	0.5	0.246
lab*nch	0.0	0.5	0.246

relative Natural Colour (NC)

lab*lrj	0.981	-0.033	0.499
lab*tce	0.75	0.5	0.261
lab*nce	0.0	0.5	0.246

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	55.37	2.02	45.16
LAB*LABa	55.37	1.21	43.17
LAB*TCHa	25.01	43.19	88.4

relative CIELAB lab\*

lab*lab	0.481	0.014	0.5
lab*tch	0.25	0.5	0.246
lab*nch	0.5	0.5	0.246

relative Natural Colour (NC)

lab*lrj	0.481	-0.033	0.499
lab*tce	0.25	0.5	0.261
lab*nce	0.5	0.5	0.246

$n^* = 0.50$

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	92.61	2.87	90.8
LAB*LABa	92.61	2.41	86.34
LAB*TCHa	50.0	86.37	88.4

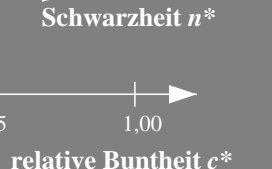
relative CIELAB lab\*

lab*lab	0.961	0.028	0.999
lab*tch	0.5	1.0	0.246
lab*nch	0.0	1.0	0.246

relative Natural Colour (NC)

lab*lrj	0.961	-0.067	0.997
lab*tce	0.5	1.0	0.261
lab*nce	0.0	1.0	0.246

$n^* = 0.00$



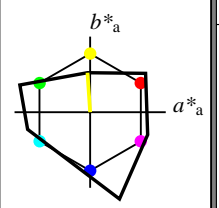
relative Buntheit  $c^*$

Ausgabe: Farbmetrisches 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  $t^*$



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	-

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

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	0.246

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

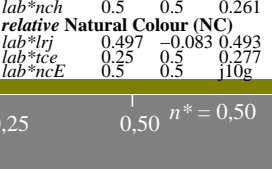
relative CIELAB lab\*

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	0.246

$n^* = 0.50$



relative Buntheit  $c^*$

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	1.0	0.0

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)

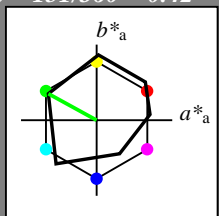
lab*lrj	0.0	0.0	0.0
lab*tce	0.0	0.0	-
lab*nce	1.0	0.0	-

$n^* = 1.0$

Eingabe: Farbmetrisches 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

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

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

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 95.6 0.43 4.65  
LAB\*LABa 95.6 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 56.86 0.8 2.08  
LAB\*LABa 56.86 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 18.12 1.18 -0.49  
LAB\*LABa 18.12 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 73.25 -31.25 20.68  
LAB\*LABa 73.25 -31.9 17.51  
LAB\*TCHa 75.0 36.4 151.25

relative CIELAB lab\*  
lab\*lab 0.712 -0.437 0.24  
lab\*tch 0.75 0.5 0.42  
lab\*nch 0.0 0.5 0.42

relative Natural Colour (NC)  
lab\*lrj 0.712 -0.455 0.204  
lab\*tce 0.75 0.5 0.433  
lab\*nce 0.0 0.5 0.173g

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 34.51 -30.88 18.11  
LAB\*LABa 34.51 -31.9 17.51  
LAB\*TCHa 25.01 36.4 151.25

relative CIELAB lab\*  
lab\*lab 0.212 -0.437 0.24  
lab\*tch 0.25 0.5 0.42  
lab\*nch 0.5 0.5 0.42

relative Natural Colour (NC)  
lab\*lrj 0.212 -0.455 0.204  
lab\*tce 0.25 0.5 0.433  
lab\*nce 0.5 0.5 0.173g

$n^* = 0.50$

$n^* = 0.00$

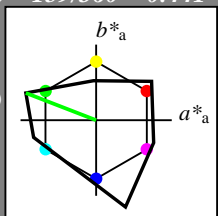
Schwarzheit  $n^*$

relative Buntheit  $c^*$

Ausgabe: Farbmetrisches 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  $t^*$



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 -

$n^* = 1.0$

%Umfang

$u^*_{rel} = 141$

%Regularität

$g^*_{H,rel} = 39$

$g^*_{C,rel} = 43$

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 0.183g

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 0.183g

$n^* = 0.50$

$n^* = 0.00$

Schwarzheit  $n^*$

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>

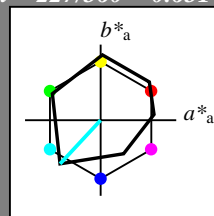
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Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen  
/RG10/ Form: 3/10, Serie: 1/1, Seite: 3  
Seitenhang 3



**Eingabe: Farbmatisches 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**

	$L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
M <sub>Ma</sub>	56.25	70.59	7.57	70.99	6
N <sub>Ma</sub>	18.11	0.0	0.0	0.0	0
W <sub>Ma</sub>	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  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$

**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	95.6	0.43	4.65
LAB*LABa	95.6	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	56.86	0.8	2.08
LAB*LABa	56.86	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	18.12	1.18	-0.49
LAB*LABa	18.12	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	1.0	(1.0)
cmyn3*	0.5	0.0	0.0	(0.0)
olvi4*	0.5	1.0	1.0	1.0
cmyn4*	0.5	0.0	0.0	0.0

**standard and adapted CIELAB**

LAB*LAB	73.42	-26.18	-25.65
LAB*LABa	73.42	-26.83	-28.84
LAB*TCHa	75.0	39.4	227.06

**relative CIELAB lab\***

lab*lab	0.714	-0.34	-0.365
lab*tch	0.75	0.5	0.631
lab*nch	0.0	0.5	0.631

**relative Natural Colour (NC)**

lab*lrj	0.714	-0.244	-0.435
lab*tce	0.75	0.5	0.668
lab*nce	0.0	0.5	0.676

**relative Inform. Technology (IT)**

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

**standard and adapted CIELAB**

LAB*LAB	34.68	-25.81	-28.22
LAB*LABa	34.68	-26.83	-28.84
LAB*TCHa	25.01	39.4	227.06

**relative CIELAB lab\***

lab*lab	0.214	-0.34	-0.365
lab*tch	0.25	0.5	0.631
lab*nch	0.5	0.5	0.631

**relative Natural Colour (NC)**

lab*lrj	0.214	-0.244	-0.435
lab*tce	0.25	0.5	0.668
lab*nce	0.5	0.5	0.676

$n^* = 0.00$

Schwarzheit  $n^*$

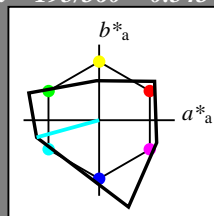
0,25 0,50  $n^* = 0.50$  0,75 1,00

relative Buntheit  $c^*$

**Ausgabe: Farbmatisches 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  $t^*$



**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	-

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

**relative Inform. Technology (IT)**

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

**standard and adapted CIELAB**

LAB*LAB	86.88	-41.33	-11.36
LAB*LABa	86.88	-41.33	-11.36
LAB*TCHa	75.0	42.88	195.38

**relative CIELAB lab\***

lab*lab	0.911	-0.481	-0.132
lab*tch	0.75	0.5	0.543
lab*nch	0.0	0.5	0.543

**relative Natural Colour (NC)**

lab*lrj	0.911	-0.452	-0.211
lab*tce	0.75	0.5	0.57
lab*nce	0.0	0.5	0.576

**relative Inform. Technology (IT)**

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

**standard and adapted CIELAB**

LAB*LAB	39.19	-41.33	-11.36
LAB*LABa	39.19	-41.33	-11.36
LAB*TCHa	25.01	42.88	195.38

**relative CIELAB lab\***

lab*lab	0.411	-0.481	-0.132
lab*tch	0.25	0.5	0.543
lab*nch	0.5	0.5	0.543

**relative Natural Colour (NC)**

lab*lrj	0.411	-0.452	-0.211
lab*tce	0.25	0.5	0.57
lab*nce	0.5	0.5	0.576

$n^* = 0.00$

Schwarzheit  $n^*$

0,25 0,50  $n^* = 0.50$  0,75 1,00

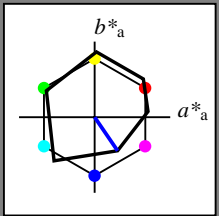
relative Buntheit  $c^*$

$n^* = 1.0$

**Eingabe: Farbmatisches 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**

	$L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
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  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$

**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	95.6	0.43	4.65
LAB*LABa	95.6	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	60.66	15.94	-19.84
LAB*LABa	60.66	15.17	-22.17
LAB*TCHa	75.0	26.87	304.36

**relative CIELAB lab\***

lab*lab	0.549	0.282	-0.412
lab*tch	0.75	0.5	0.845
lab*nch	0.0	0.5	0.845

**relative Natural Colour (NC)**

lab*lrj	0.549	0.274	-0.417
lab*tce	0.75	0.5	0.842
lab*nce	0.0	0.5	b36r

**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	21.92	16.31	-22.41
LAB*LABa	21.92	15.17	-22.17
LAB*TCHa	25.01	26.87	304.36

**relative CIELAB lab\***

lab*lab	0.049	0.282	-0.412
lab*tch	0.25	0.5	0.845
lab*nch	0.5	0.5	0.845

**relative Natural Colour (NC)**

lab*lrj	0.049	0.274	-0.417
lab*tce	0.25	0.5	0.842
lab*nce	0.5	0.5	b36r

**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	18.12	1.18	-0.49
LAB*LABa	18.12	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	-

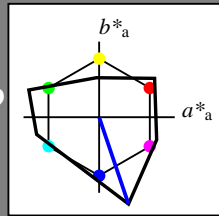
$n^* = 0,00$   
 Schwarzhheit  $n^*$

relative Buntheit  $c^*$

**Ausgabe: Farbmatisches 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**

	$L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	74.48	-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	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	53.98	19.4	-57.39
LAB*LABa	53.98	19.4	-57.39
LAB*TCHa	75.0	60.59	288.68

**relative CIELAB lab\***

lab*lab	0.566	0.16	-0.473
lab*tch	0.75	0.5	0.802
lab*nch	0.0	0.5	0.802

**relative Natural Colour (NC)**

lab*lrj	0.566	0.193	-0.46
lab*tce	0.75	0.5	0.813
lab*nce	0.0	0.5	b25r

**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	6.29	19.4	-57.39
LAB*LABa	6.29	19.4	-57.39
LAB*TCHa	25.01	60.59	288.68

**relative CIELAB lab\***

lab*lab	0.066	0.16	-0.473
lab*tch	0.25	0.5	0.802
lab*nch	0.5	0.5	0.802

**relative Natural Colour (NC)**

lab*lrj	0.066	0.193	-0.46
lab*tce	0.25	0.5	0.813
lab*nce	0.5	0.5	b25r

**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	-

$n^* = 0,00$   
 Schwarzhheit  $n^*$

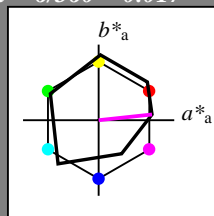
relative Buntheit  $c^*$

Eingabe: Farbmetrisches 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

	$L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
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  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$

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 95.6 0.43 4.65  
LAB\*LABa 95.6 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 56.86 0.8 2.08  
LAB\*LABa 56.86 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 18.12 1.18 -0.49  
LAB\*LABa 18.12 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)

	1.0	0.5	1.0	(1.0)
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 75.92 35.91 7.13  
LAB\*LABa 75.92 35.29 3.78  
LAB\*TCHa 75.0 35.49 6.12

relative CIELAB lab\*  
lab\*lab 0.746 0.497 0.053  
lab\*tch 0.75 0.5 0.017  
lab\*nch 0.0 0.5 0.017

relative Natural Colour (NC)  
lab\*lrj 0.746 0.476 -0.151  
lab\*tce 0.75 0.5 0.951  
lab\*nce 0.0 0.5 b80r

relative Inform. Technology (IT)

	0.5	1.0	0.5	(1.0)
olvi3*	0.5	1.0	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 37.18 36.28 4.56  
LAB\*LABa 37.18 35.29 3.78  
LAB\*TCHa 25.01 35.49 6.12

relative CIELAB lab\*  
lab\*lab 0.246 0.497 0.053  
lab\*tch 0.25 0.5 0.017  
lab\*nch 0.5 0.5 0.017

relative Natural Colour (NC)  
lab\*lrj 0.246 0.476 -0.151  
lab\*tce 0.25 0.5 0.951  
lab\*nce 0.5 0.5 b80r

$n^* = 0.50$

relative Inform. Technology (IT)

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

standard and adapted CIELAB  
LAB\*LAB 56.25 71.39 9.61  
LAB\*LABa 56.25 70.58 7.56  
LAB\*TCHa 50.0 70.98 6.12

relative CIELAB lab\*  
lab\*lab 0.492 0.994 0.107  
lab\*tch 0.5 1.0 0.017  
lab\*nch 0.0 1.0 0.017

relative Natural Colour (NC)  
lab\*lrj 0.492 0.953 -0.303  
lab\*tce 0.5 1.0 0.951  
lab\*nce 0.0 1.0 b80r

$n^* = 0.00$

Schwarzheit  $n^*$

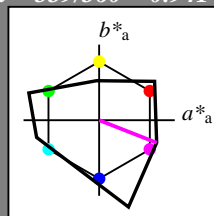
relative Buntheit  $c^*$

Ausgabe: Farbmetrisches 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  $t^*$



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	1.0	0.0	0.0

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

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

	1.0	0.5	1.0	(1.0)
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)

	0.5	1.0	0.5	(1.0)
olvi3*	0.5	1.0	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

$n^* = 0.50$

relative Inform. Technology (IT)

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

standard and adapted CIELAB  
LAB\*LAB 66.71 76.06 -29.79  
LAB\*LABa 66.71 76.06 -29.79  
LAB\*TCHa 50.0 81.7 338.6

relative CIELAB lab\*  
lab\*lab 0.699 0.931 -0.364  
lab\*tch 0.5 1.0 0.941  
lab\*nch 0.0 1.0 0.941

relative Natural Colour (NC)  
lab\*lrj 0.699 0.813 -0.581  
lab\*tce 0.5 1.0 0.901  
lab\*nce 0.0 1.0 b60r

$n^* = 0.00$

Schwarzheit  $n^*$

relative Buntheit  $c^*$

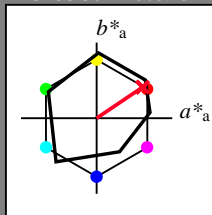


Siehe ähnliche Dateien: <http://www.ps.bam.de/RG10/>  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

Eingabe: Farbmetrisches 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

	$L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
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  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$

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

	95.6	0.43	4.65
LAB*LAB	95.6	0.0	0.0
LAB*LABa	95.99	0.01	-

relative CIELAB lab\*

	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*tch	1.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

	1.0	0.5	0.575	(1.0)
olvi3*	1.0	0.5	0.575	(1.0)
cmyn3*	0.0	0.5	0.425	(0.0)
olvi4*	1.0	0.5	0.575	1.0
cmyn4*	0.0	0.5	0.425	0.0

standard and adapted CIELAB

	72.39	33.32	25.17
LAB*LAB	72.39	32.67	22.05
LAB*LABa	72.0	39.41	34.02

relative CIELAB lab\*

	0.7	0.414	0.28
lab*lab	0.7	0.414	0.28
lab*tch	0.75	0.5	0.095
lab*nch	0.0	0.5	0.095

relative Natural Colour (NC)

	0.7	0.5	0.0
lab*lrj	0.7	0.5	0.0
lab*tce	0.75	0.5	1.0
lab*nce	0.0	0.5	b99r

relative Inform. Technology (IT)

	1.0	0.0	0.15	(1.0)
olvi3*	1.0	0.0	0.15	(1.0)
cmyn3*	0.0	1.0	0.85	(0.0)
olvi4*	1.0	0.0	0.15	1.0
cmyn4*	0.0	1.0	0.85	0.0

standard and adapted CIELAB

	49.19	66.21	45.68
LAB*LAB	49.19	65.33	44.11
LAB*LABa	49.19	65.33	44.11
LAB*TCHa	50.0	78.83	34.02

relative CIELAB lab\*

	0.401	0.829	0.559
lab*lab	0.401 <td>0.829</td> <td>0.559</td>	0.829	0.559
lab*tch	0.5	1.0	0.095
lab*nch	0.0	1.0	0.095

relative Natural Colour (NC)

	0.401	1.0	0.0
lab*lrj	0.401 <td>1.0</td> <td>0.0</td>	1.0	0.0
lab*tce	0.5	1.0	0.0
lab*nce	0.0	1.0	r00j

relative Inform. Technology (IT)

	0.5	0.0	0.075	(1.0)
olvi3*	0.5	0.0	0.075	(1.0)
cmyn3*	0.5	1.0	0.925	(0.0)
olvi4*	1.0	0.5	0.575	0.5
cmyn4*	0.0	0.5	0.425	0.5

standard and adapted CIELAB

	33.65	33.7	22.6
LAB*LAB	33.65	32.67	22.06
LAB*LABa	33.65	32.67	22.06
LAB*TCHa	25.01	39.42	34.03

relative CIELAB lab\*

	0.201	0.414	0.28
lab*lab	0.201 <td>0.414</td> <td>0.28</td>	0.414	0.28
lab*tch	0.25 <td>0.5</td> <td>0.095</td>	0.5	0.095
lab*nch	0.5	0.5	0.095

relative Natural Colour (NC)

	0.201	0.5	0.0
lab*lrj	0.201 <td>0.5</td> <td>0.0</td>	0.5	0.0
lab*tce	0.25 <td>0.5</td> <td>0.0</td>	0.5	0.0
lab*nce	0.5	0.5	r00j

relative Inform. Technology (IT)

	1.0	0.0	0.0	(1.0)
olvi3*	1.0 <td>0.0</td> <td>0.0</td> <td>(1.0)</td>	0.0	0.0	(1.0)
cmyn3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0 <td>1.0</td> <td>1.0</td> <td>0.0</td>	1.0	1.0	0.0
cmyn4*	0.0	0.0	0.0	1.0

standard and adapted CIELAB

	18.12	1.18	-0.49
LAB*LAB	18.12	0.0	0.0
LAB*LABa	18.12	0.0	0.0
LAB*TCHa	0.01	0.01	-

relative CIELAB lab\*

	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0
lab*tch	0.0	0.0	-
lab*nch	1.0	0.0	-

relative Natural Colour (NC)

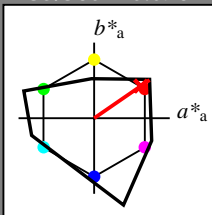
	0.0	0.0	0.0
lab*lrj	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab*tce	0.0 <td>0.0</td> <td>-</td>	0.0	-
lab*nce	1.0 <td>0.0</td> <td>-</td>	0.0	-

$n^* = 0.50$   
relative Buntheit  $c^*$   
 $n^* = 1.0$

Ausgabe: Farbmetrisches 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

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

	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

	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.99	0.01	-

relative CIELAB lab\*

	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*tch	1.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

	1.0	0.5	0.505	(1.0)
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

	80.48	36.68	25.28
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\*

	0.844	0.412	0.284
lab*lab	0.844 <td>0.412</td> <td>0.284</td>	0.412	0.284
lab*tch	0.75	0.5	0.096
lab*nch	0.0	0.5	0.096

relative Natural Colour (NC)

	0.844	0.5	0.0
lab*lrj	0.844 <td>0.5</td> <td>0.0</td>	0.5	0.0
lab*tce	0.75	0.5	1.0
lab*nce	0.0	0.5	b99r

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

	47.72	0.0	0.0
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\*

	0.5	0.0	0.0
lab*lab	0.5 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab*tch	0.5	0.0	-
lab*nch	0.5	0.0	-

relative Natural Colour (NC)

	0.5	0.0	0.0
lab*lrj	0.5 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab*tce	0.5	0.0	-
lab*nce	0.5	0.0	-

relative Inform. Technology (IT)

	0.5	0.0	0.005	(1.0)
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

	32.79	36.68	25.29
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\*

	0.344	0.412	0.284
lab*lab	0.344 <td>0.412</td> <td>0.284</td>	0.412	0.284
lab*tch	0.25 <td>0.5</td> <td>0.096</td>	0.5	0.096
lab*nch	0.5 <td>0.5</td> <td>0.096</td>	0.5	0.096

relative Natural Colour (NC)

	0.344	0.5	0.0
lab*lrj	0.344 <td>0.5</td> <td>0.0</td>	0.5	0.0
lab*tce	0.25 <td>0.5</td> <td>0.0</td>	0.5	0.0
lab*nce	0.5 <td>0.5</td> <td>r00j</td>	0.5	r00j

$n^* = 0.00$   
relative Buntheit  $c^*$   
 $n^* = 1.0$

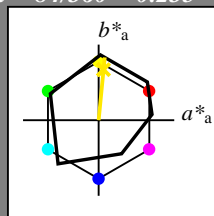
$n^* = 0.00$   
relative Buntheit  $c^*$   
 $n^* = 1.0$

BAM-Registrierung: 20060101-RG10/10L/L10G06NP.PS/.PDF BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen  
/RG10/ Form: 7/10, Serie: 1/1, Seite: 7  
Satzzeichnung 7

Eingabe: Farbmetrisches 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**

	$L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
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  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$

**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	95.6	0.43	4.65
LAB*LABa	95.6	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	0.954	0.5	(1.0)
cmyn3*	0.0	0.046	0.5	(0.0)
olvi4*	1.0	0.954	0.5	1.0
cmyn4*	0.0	0.046	0.5	0.0

**standard and adapted CIELAB**

LAB*LAB	92.06	4.5	45.96
LAB*LABa	92.06	4.04	41.54
LAB*TCHa	75.0	41.73	84.45

**relative CIELAB lab\***

lab*lab	0.954	0.048	0.498
lab*tch	0.75	0.5	0.235
lab*nch	0.0	0.5	0.235

**relative Natural Colour (NC)**

lab*lrj	0.954	0.0	0.5
lab*tce	0.75	0.5	0.25
lab*nce	0.0	0.5	0.00g

**relative Inform. Technology (IT)**

olvi3*	0.5	0.454	0.0	(1.0)
cmyn3*	0.5	0.546	1.0	(0.0)
olvi4*	1.0	0.954	0.5	0.5
cmyn4*	0.0	0.046	0.5	0.5

**standard and adapted CIELAB**

LAB*LAB	53.32	4.88	43.38
LAB*LABa	53.32	4.05	41.53
LAB*TCHa	25.01	41.73	84.44

**relative CIELAB lab\***

lab*lab	0.454	0.048	0.498
lab*tch	0.25	0.5	0.235
lab*nch	0.5	0.5	0.235

**relative Natural Colour (NC)**

lab*lrj	0.454	0.0	0.5
lab*tce	0.25	0.5	0.25
lab*nce	0.5	0.5	0.09g



**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	18.12	1.18	-0.49
LAB*LABa	18.12	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)**

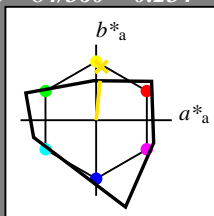
lab*lrj	0.0	0.0	0.0
lab*tce	0.0	0.0	-
lab*nce	1.0	0.0	-



Ausgabe: Farbmetrisches 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  $t^*$



**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	-

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

**TLS00; adaptierte CIELAB-Daten**

	$L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	74.48	-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

**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	0.00g

**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	0.887	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	0.00g

**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	0.09g



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

BAM-Registrierung: 20060101-RG10/10L/L10G07NP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen  
 /RG10/ Form 8/10, Serie: 1/1, Seite: 8  
 Seitenzahl: 8

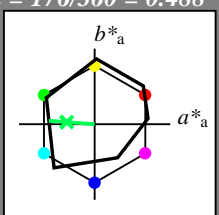


**Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18**

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**

	$L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
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  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$

**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 95.6 0.43 4.65  
 LAB\*LABa 95.6 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 56.86 0.8 2.08  
 LAB\*LABa 56.86 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 18.12 1.18 -0.49  
 LAB\*LABa 18.12 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 -

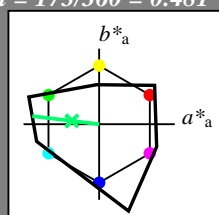
$n^* = 1.0$

**Ausgabe: Farbmetrisches 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  $t^*$



**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**

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

$n^* = 0.00$

**relative Inform. Technology (IT)**

olvi3*	0.5	1.0	0.664	(1.0)
cmyn3*	0.5	0.0	0.336	(0.0)
olvi4*	0.5	1.0	0.664	1.0
cmyn4*	0.5	0.0	0.336	0.0

**standard and adapted CIELAB**  
 LAB\*LAB 73.3 -29.59 5.45  
 LAB\*LABa 73.3 -30.23 2.28  
 LAB\*TCHa 75.0 30.33 175.69

**relative CIELAB lab\***  
 lab\*lab 0.712 -0.497 0.038  
 lab\*tch 0.75 0.5 0.488  
 lab\*nch 0.0 0.5 0.488

**relative Natural Colour (NC)**  
 lab\*lrj 0.712 -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	0.164	(1.0)
cmyn3*	1.0	0.5	0.836	(0.0)
olvi4*	0.5	1.0	0.664	0.5
cmyn4*	0.5	0.0	0.336	0.5

**standard and adapted CIELAB**  
 LAB\*LAB 34.57 -29.21 2.89  
 LAB\*LABa 34.57 -30.23 2.29  
 LAB\*TCHa 25.01 30.33 175.68

**relative CIELAB lab\***  
 lab\*lab 0.212 -0.497 0.038  
 lab\*tch 0.25 0.5 0.488  
 lab\*nch 0.5 0.5 0.488

**relative Natural Colour (NC)**  
 lab\*lrj 0.212 -0.499 0.0  
 lab\*tce 0.25 0.5 0.5  
 lab\*nce 0.5 0.5 j99g

$n^* = 0.50$

$n^* = 0.00$   
 Schwarzhcit  $n^*$

relative Buntheit  $c^*$

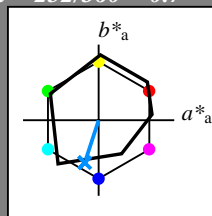
$n^* = 0.00$   
 Schwarzhcit  $n^*$

relative Buntheit  $c^*$

**Eingabe: Farbmetrisches Offset-Refektiv-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**

	$L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
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  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$

**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	95.6	0.43	4.65
LAB*LABa	95.6	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	56.86	0.8	2.08
LAB*LABa	56.86	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	18.12	1.18	-0.49
LAB*LABa	18.12	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)**

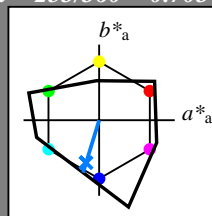
lab*lrj	0.0	0.0	0.0
lab*tce	0.0	0.0	-
lab*nce	1.0	0.0	-

$n^* = 1.0$

**Ausgabe: Farbmetrisches 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  $t^*$



**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**

	$L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$
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*	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	0.247	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	g00r

**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	-

$n^* = 0.00$

Schwarzheit  $n^*$

relative Buntheit  $c^*$