

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

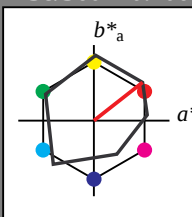
lab^*ch und lab^*nch

A: Buntton O

LCH*Ma: 48 82 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 96$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.6	0.43	4.65	
LAB*LAB	95.6	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.75	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.25	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	83.68	16.64	16.51	
LAB*LAB	83.68	16.1	12.64	
LAB*LAB	97.5	20.47	38.14	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	71.77	32.86	28.36	
LAB*LAB	71.77	32.2	25.28	
LAB*LAB	75.0	40.94	38.14	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	59.85	49.08	40.21	
LAB*LAB	59.85	48.31	37.93	
LAB*LAB	62.5	61.42	38.14	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.94	65.31	52.06	
LAB*LAB	47.94	64.41	50.57	
LAB*LAB	50.0	81.89	38.14	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	40.48	49.27	38.93	
LAB*LAB	40.48	48.31	37.93	
LAB*LAB	37.51	61.42	38.14	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	32.79	36.66	25.69	
LAB*LAB	32.79	35.84	23.54	
LAB*LAB	25.01	44.77	35.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	32.79	36.66	25.69	
LAB*LAB	32.79	35.84	23.54	
LAB*LAB	25.01	44.77	35.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	32.79	36.66	25.69	
LAB*LAB	32.79	35.84	23.54	
LAB*LAB	25.01	44.77	35.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	32.79	36.66	25.69	
LAB*LAB	32.79	35.84	23.54	
LAB*LAB	25.01	44.77	35.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	32.79	36.66	25.69	
LAB*LAB	32.79	35.84	23.54	
LAB*LAB	25.01	44.77	35.02	

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
RC _{IE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularität

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

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

1,00

0,75

n* = 0,00

0,25

n* = 0,25

Schwarzheit n*

n* = 0,50

relative Buntheit c*

relative Buntheit c*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

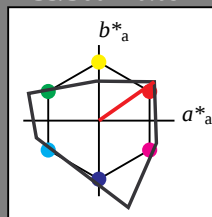
lab^*ch und lab^*nch

A: Buntton O

LCH*Ma: 66 90 35

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 141$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.75	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.25	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	87.94	18.33	12.84	
LAB*LAB	87.94	18.33	12.84	
LAB*LAB	87.5	38.14	35.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	71.57	30.0	0.0	
LAB*LAB	71.57	32.2	25.28	
LAB*LAB	75.0	40.94	38.14	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	59.85	49.08	40.21	
LAB*LAB	59.85	48.31	37.93	
LAB*LAB	62.5	61.42	38.14	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.94	65.31	52.06	
LAB*LAB	47.94	64.41	50.57	
LAB*LAB	50.0	81.89	38.14	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	40.48	49.27	38.93	
LAB*LAB	40.48	48.31	37.93	
LAB*LAB	37.51	61.42	38.14	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	32.79	36.66	25.69	
LAB*LAB	32.79	35.84	23.54	
LAB*LAB	25.01	44.77	35.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	32.79	36.66	25.69	
LAB*LAB	32.79	35.84	23.54	
LAB*LAB	25.01	44.77	35.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	32.79	36.66	25.69	
LAB*LAB	32.79	35.84	23.54	
LAB*LAB	25.01	44.77	35.02	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	32.79	36.66	25.69	
LAB*LAB	32.79			

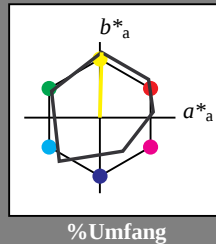
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

A: Buntton Y

LCH*Ma: 93 86 88

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^* 

relative Inform. Technology (IT)
 $olv3^*$ 1.0 1.0 1.0 (1.0)
 $cmyn3^*$ 0.0 0.0 0.0 (0.0)
 $olv4^*$ 1.0 1.0 1.0 (1.0)
 $cmyn4^*$ 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.6 0.43 4.65
 LAB*LAB 95.6 0.0 0.0
 LAB*TCa 99.99 0.01 -

relative CIELAB lab*
 lab*lab 1.0 0.0 0.0
 lab*ch 1.0 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 1.0 0.0 0.0
 lab*ce 1.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 $olv3^*$ 0.75 0.75 0.75 (1.0)
 $cmyn3^*$ 0.25 0.25 0.25 (0.0)
 $olv4^*$ 1.0 1.0 1.0 (1.0)
 $cmyn4^*$ 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.23 0.62 3.36
 LAB*LAB 76.23 0.0 0.0
 LAB*TCa 75.00 0.01 -

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.75 0.0 0.0
 lab*ce 0.75 0.0 0.0
 lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
 $olv3^*$ 0.5 0.5 0.5 (0.0)
 $cmyn3^*$ 0.5 0.5 0.5 (0.0)
 $olv4^*$ 1.0 1.0 1.0 (1.0)
 $cmyn4^*$ 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.86 0.8 2.08
 LAB*LAB 56.86 0.0 0.0
 LAB*TCa 50.00 0.01 -

relative CIELAB lab*
 lab*lab 0.5 0.0 0.0
 lab*ch 0.5 0.0 0.0
 lab*nch 0.5 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.5 0.0 0.0
 lab*ce 0.5 0.0 0.0
 lab*nce 0.5 0.0 0.0

relative Inform. Technology (IT)
 $olv3^*$ 0.25 0.25 0.25 (1.0)
 $cmyn3^*$ 0.75 0.75 0.75 (0.0)
 $olv4^*$ 1.0 1.0 1.0 (1.0)
 $cmyn4^*$ 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.49 0.8 0.79
 LAB*LAB 37.49 0.0 0.0
 LAB*TCa 25.00 0.01 -

relative CIELAB lab*
 lab*lab 0.25 0.0 0.0
 lab*ch 0.25 0.0 0.0
 lab*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.25 0.0 0.0
 lab*ce 0.25 0.0 0.0
 lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
 $olv3^*$ 0.0 0.0 0.0 (1.0)
 $cmyn3^*$ 1.0 1.0 1.0 (0.0)
 $olv4^*$ 1.0 1.0 1.0 (1.0)
 $cmyn4^*$ 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.12 0.8 0.49
 LAB*LAB 18.12 0.0 0.0
 LAB*TCa 0.01 0.01 -

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.0 0.0 0.0
 lab*ce 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
 $olv3^*$ 1.0 1.0 0.75 (1.0)
 $cmyn3^*$ 0.0 0.0 0.75 (1.0)
 $olv4^*$ 1.0 1.0 0.75 (1.0)
 $cmyn4^*$ 0.0 0.0 0.75 (1.0)
 standard and adapted CIELAB
 LAB*LAB 94.85 1.04 26.19
 LAB*LAB 94.85 0.0 21.58
 LAB*TCa 87.5 21.59 88.4

relative CIELAB lab*
 lab*lab 0.99 0.007 0.25
 lab*ch 0.875 0.25 0.246
 lab*nch 0.0 0.25 0.246
 relative Natural Colour (NC)
 lab*tr 0.99 -0.016 0.249
 lab*ce 0.875 0.25 0.261
 lab*nce 0.0 0.25 0.048

relative Inform. Technology (IT)
 $olv3^*$ 0.75 0.75 0.5 (1.0)
 $cmyn3^*$ 0.25 0.25 0.5 (0.0)
 $olv4^*$ 1.0 1.0 0.75 (1.0)
 $cmyn4^*$ 0.0 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 75.48 1.23 24.91
 LAB*LAB 75.48 0.0 21.59
 LAB*TCa 62.5 21.6 88.4

relative CIELAB lab*
 lab*lab 0.74 0.007 0.25
 lab*ch 0.625 0.25 0.246
 lab*nch 0.25 0.25 0.246
 relative Natural Colour (NC)
 lab*tr 0.74 -0.016 0.249
 lab*ce 0.625 0.25 0.261
 lab*nce 0.25 0.25 0.048

relative Inform. Technology (IT)
 $olv3^*$ 0.5 0.5 0.5 (1.0)
 $cmyn3^*$ 0.5 0.5 0.5 (0.0)
 $olv4^*$ 1.0 1.0 0.75 (1.0)
 $cmyn4^*$ 0.0 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.11 1.42 23.62
 LAB*LAB 56.11 0.0 21.59
 LAB*TCa 37.5 21.6 88.4

relative CIELAB lab*
 lab*lab 0.49 0.007 0.25
 lab*ch 0.375 0.25 0.246
 lab*nch 0.0 0.25 0.246
 relative Natural Colour (NC)
 lab*tr 0.49 -0.016 0.249
 lab*ce 0.375 0.25 0.261
 lab*nce 0.0 0.25 0.048

relative Inform. Technology (IT)
 $olv3^*$ 0.25 0.25 0.25 (1.0)
 $cmyn3^*$ 0.75 0.75 0.5 (0.0)
 $olv4^*$ 1.0 1.0 0.25 (1.0)
 $cmyn4^*$ 0.0 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 36.74 1.9 22.83
 LAB*LAB 36.74 0.0 21.58
 LAB*TCa 12.5 21.59 88.4

relative CIELAB lab*
 lab*lab 0.24 0.007 0.25
 lab*ch 0.125 0.25 0.246
 lab*nch 0.0 0.25 0.246
 relative Natural Colour (NC)
 lab*tr 0.24 -0.016 0.249
 lab*ce 0.125 0.25 0.261
 lab*nce 0.75 0.25 0.048

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
RC _{IE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularität

 $g^*_{H,rel} = -385$ $g^*_{C,rel} = 62$

relative Inform. Technology (IT)
 $olv3^*$ 1.0 1.0 0.5 (1.0)
 $cmyn3^*$ 0.0 0.0 0.5 (0.0)
 $olv4^*$ 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*LAB 94.1 0.0 41.84
 LAB*TCa 75.0 43.9 88.4

relative CIELAB lab*
 lab*lab 0.981 0.014 0.5
 lab*ch 0.75 0.5 0.246
 lab*nch 0.0 0.5 0.246
 relative Natural Colour (NC)
 lab*tr 0.981 -0.033 0.499
 lab*ce 0.75 0.5 0.261
 lab*nce 0.0 0.5 0.048

relative Inform. Technology (IT)
 $olv3^*$ 0.75 0.75 0.0 (1.0)
 $cmyn3^*$ 0.25 0.25 0.0 (0.0)
 $olv4^*$ 1.0 1.0 0.5 (1.0)
 $cmyn4^*$ 0.0 0.0 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 74.74 1.84 46.45
 LAB*LAB 74.74 0.0 43.18
 LAB*TCa 50.0 43.2 88.4

relative CIELAB lab*
 lab*lab 0.731 0.014 0.5
 lab*ch 0.5 0.5 0.246
 lab*nch 0.0 0.5 0.246
 relative Natural Colour (NC)
 lab*tr 0.731 -0.033 0.499
 lab*ce 0.5 0.5 0.261
 lab*nce 0.25 0.5 0.048

relative Inform. Technology (IT)
 $olv3^*$ 0.5 0.5 0.0 (1.0)
 $cmyn3^*$ 0.5 0.5 0.0 (0.0)
 $olv4^*$ 1.0 1.0 0.25 (1.0)
 $cmyn4^*$ 0.0 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 73.99 2.45 67.98
 LAB*LAB 73.99 0.0 64.76
 LAB*TCa 37.51 64.79 88.4

relative CIELAB lab*
 lab*lab 0.721 0.021 0.75
 lab*ch 0.375 0.75 0.246
 lab*nch 0.0 0.75 0.246
 relative Natural Colour (NC)
 lab*tr 0.721 -0.05 0.748
 lab*ce 0.375 0.75 0.261
 lab*nce 0.25 0.75 0.048

$n^* = 0.25$

$n^* = 0.00$

$n^* = 0.00$

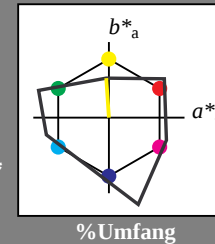
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 94/360 = 0.261$ lab^*ch 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)
 $olv3^*$ 1.0 1.0 1.0 (1.0)
 $cmyn3^*$ 0.0 0.0 0.0 (0.0)
 $olv4^*$ 1.0 1.0 1.0 (1.0)
 $cmyn4^*$ 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 0.0 0.0
 LAB*LAB 95.41 0.0 0.0
 LAB*TCa 99.99 0.01 -

relative CIELAB lab*
 lab*lab 1.0 0.0 0.0
 lab*ch 1.0 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 1.0 0.0 0.0
 lab*ce 1.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 $olv3^*$ 0.75 0.75 0.75 (1.0)
 $cmyn3^*$ 0.25 0.25 0.25 (0.0)
 $olv4^*$ 1.0 1.0 1.0 (1.0)
 $cmyn4^*$ 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 71.57 0.0 0.0
 LAB*LAB 71.57 0.0 0.0
 LAB*TCa 75.00 0.01 -

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.75 0.0 0.0
 lab*ce 0.75 0.0 0.0
 lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
 $olv3^*$ 0.5 0.5 0.5 (0.0)
 $cmyn3^*$ 0.5 0.5 0.5 (0.0)
 $olv4^*$ 1.0 1.0 1.0 (1.0)
 $cmyn4^*$ 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 47.72 0.0 0.0
 LAB*LAB 47.72 0.0 0.0
 LAB*TCa 50.00 0.01 -

relative CIELAB lab*
 lab*lab 0.5 0.0 0.0
 lab*ch 0.5 0.0 0.0
 lab*nch 0.5 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.5 0.0 0.0
 lab*ce 0.5 0.0 0.0
 lab*nce 0.5 0.0 0.0

relative Inform. Technology (IT)
 $olv3^*$ 0.25 0.25 0.25 (1.0)
 $cmyn3^*$ 0.75 0.75 0.75 (0.0)
 $olv4^*$ 1.0 1.0 1.0 (1.0)
 $cmyn4^*$ 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 23.87 0.0 0.0
 LAB*LAB 23.87 0.0 0.0
 LAB*TCa 25.00 0.01 -

relative CIELAB lab*
 lab*lab 0.25 0.0 0.0
 lab*ch 0.25 0.0 0.0
 lab*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.25 0.0 0.0
 lab*ce 0.25 0.0 0.0
 lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
 $olv3^*$ 0.0 0.0 0.0 (1.0)
 $cmyn3^*$ 1.0 1.0 1.0 (0.0)
 $olv4^*$ 1.0 1.0 1.0 (1.0)
 $cmyn4^*$ 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 0.0 0.0 0.0
 LAB*LAB 0.0 0.0 0.0
 LAB*TCa 0.01 0.01 -

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.0 0.0 0.0
 lab*ce 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
 $olv3^*$ 1.0 1.0 0.75 (1.0)
 $cmyn3^*$ 0.0 0.0 0.75 (1.0)
 $olv4^*$ 1.0 1.0 0.75 (1.0)
 $cmyn4^*$ 0.0 0.0 0.75 (1.0)
 standard and adapted CIELAB
 LAB*LAB 95.24 -0.86 13.05
 LAB*LAB 95.24 -0.86 13.05
 LAB*TCa 87.5 13.08 93.83

relative CIELAB lab*
 lab*lab 0.998 -0.016 0.249
 lab*ch 0.875 0.25 0.261
 lab*nch 0.0 0.25 0.261
 relative Natural Colour (NC)
 lab*tr 0.998 -0.041 0.246
 lab*ce 0.875 0.25 0.277
 lab*nce 0.0 0.25 0.108

relative Inform. Technology (IT)
 $olv3^*$ 0.75 0.75 0.5 (1.0)
 $cmyn3^*$ 0.25 0.25 0.5 (0.0)
 $olv4^*$ 1.0 1.0 0.75 (1.0)
 $cmyn4^*$ 0.0 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 71.4 -0.87 13.06
 LAB*LAB 71.4 -0.87 13.06
 LAB*TCa 62.5 13.09 93.83

relative CIELAB lab*
 lab*lab 0.748 -0.032 0.499
 lab*ch 0.625 0.25 0.261
 lab*nch 0.25 0.25 0.261
 relative Natural Colour (NC)
 lab*tr 0.748 -0.041 0.246
 lab*ce 0.625 0.25 0.277
 lab*nce 0.25 0.25 0.108

relative Inform. Technology (IT)
 $olv3^*$ 0.5 0.5 0.5 (0.0)
 $cmyn3^*$ 0.5 0.5 0.5 (0.0)
 $olv4^*$ 1.0 1.0 0.75 (1.0)
 $cmyn4^*$ 0.0 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 47.55 -0.87 13.06
 LAB*LAB 47.55 -0.87 13.06
 LAB*TCa 37.5 13.09 93.83

relative CIELAB lab*
 lab*lab 0.498 -0.032 0.499
 lab*ch 0.375 0.25 0.261
 lab*nch 0.0 0.25 0.261
 relative Natural Colour (NC)
 lab*tr 0.498 -0.041 0.246
 lab*ce 0.375 0.25 0.277
 lab*nce 0.25 0.25 0.108

relative Inform. Technology (IT)
 $olv3^*$ 0.25 0.25 0.25 (1.0)
 $cmyn3^*$ 0.75 0.75 0.5 (0.0)
 $olv4^*$ 1.0 1.0 0.25 (1.0)
 $cmyn4^*$ 0.0 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 23.7 -0.86 13.05
 LAB*LAB 23.7 -0.86 13.05
 LAB*TCa 25.01 13.08 93.83

relative CIELAB lab*
 lab*lab 0.248 -0.016 0.249
 lab*ch 0.125 0.25 0.261
 lab*nch 0.0 0.25 0.261
 relative Natural Colour (NC)
 lab*tr 0.248 -0.041 0.246
 lab*ce 0.125 0.25 0.277
 lab*nce 0.75 0.25 0.108

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	65.56	73.34	51.39	89.55	35
Y _{Ma}	94.78	-3.49	52.24	52.36	94
L _{Ma}	77.48	-92.97	36.0	99.71	159
C _{Ma}	78.36	-82.69	-22.74	85.77	195
V _{Ma}	12.55	38.81	-114.81	121.2	289
M _{Ma}	66.71	76.08	-29.8	81.71	339
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	47.79	61.74	42.56	74.99	35
J _{CIE}	83.82	7.06	70.78	71.13	84

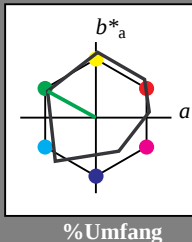
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

A: Buntton L

LCH*Ma: 51 73 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^* 

relative Inform. Technology (IT)
 olv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.6 0.43 4.65
 LAB*LAB 95.6 0.0 0.0
 LAB*LAB 99.99 0.01

relative CIELAB lab*
 lab*lab 1.0 0.0 0.0
 lab*ch 1.0 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 1.0 0.0 0.0
 lab*ce 1.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.23 0.62 3.36
 LAB*LAB 76.23 0.0 0.0
 LAB*LAB 75.00 0.01

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.75 0.0 0.0
 lab*ce 0.75 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.5 0.5 0.5 (0.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.86 0.8 2.08
 LAB*LAB 56.86 0.0 0.0
 LAB*LAB 50.00 0.01

relative CIELAB lab*
 lab*lab 0.5 0.0 0.0
 lab*ch 0.5 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.5 0.0 0.0
 lab*ce 0.5 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.48 0.79 1.79
 LAB*LAB 37.48 0.0 0.0
 LAB*LAB 25.00 0.01

relative CIELAB lab*
 lab*lab 0.25 0.0 0.0
 lab*ch 0.25 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.25 0.0 0.0
 lab*ce 0.25 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.12 0.18 0.49
 LAB*LAB 18.12 0.0 0.0
 LAB*LAB 0.01 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.0 0.0 0.0
 lab*ce 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.12 0.18 0.49
 LAB*LAB 18.12 0.0 0.0
 LAB*LAB 0.01 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.0 0.0 0.0
 lab*ce 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.75 1.0 0.75 (1.0)
 cmy3* 0.25 0.0 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 84.42 -15.4 12.67
 LAB*LAB 84.42 -15.94 8.75
 LAB*LAB 87.5 18.19 151.25

relative CIELAB lab*
 lab*lab 0.856 -0.218 0.12
 lab*ch 0.875 0.25 0.42
 lab*nch 0.0 0.25 0.42
 relative Natural Colour (NC)
 lab*tr 0.856 -0.227 0.102
 lab*ce 0.875 0.25 0.433
 lab*nce 0.0 0.25 0.433

relative Inform. Technology (IT)
 olv3* 0.5 0.75 0.5 (1.0)
 cmy3* 0.5 0.25 0.5 (0.0)
 olv4* 0.75 1.0 0.75 (0.0)
 cmy4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 65.05 -15.22 11.38
 LAB*LAB 65.05 -15.95 8.76
 LAB*LAB 62.5 18.2 151.25

relative CIELAB lab*
 lab*lab 0.606 -0.218 0.12
 lab*ch 0.625 0.25 0.42
 lab*nch 0.25 0.25 0.42
 relative Natural Colour (NC)
 lab*tr 0.606 -0.227 0.102
 lab*ce 0.625 0.25 0.433
 lab*nce 0.25 0.25 0.433

relative Inform. Technology (IT)
 olv3* 0.25 0.5 0.25 (1.0)
 cmy3* 0.75 0.5 0.75 (0.0)
 olv4* 0.75 1.0 0.75 (0.0)
 cmy4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 45.68 -15.04 10.1
 LAB*LAB 45.68 -15.95 8.76
 LAB*LAB 37.5 18.2 151.25

relative CIELAB lab*
 lab*lab 0.356 -0.218 0.12
 lab*ch 0.375 0.25 0.42
 lab*nch 0.25 0.25 0.42
 relative Natural Colour (NC)
 lab*tr 0.356 -0.227 0.102
 lab*ce 0.375 0.25 0.433
 lab*nce 0.25 0.25 0.433

relative Inform. Technology (IT)
 olv3* 0.0 0.5 0.0 (1.0)
 cmy3* 1.0 0.5 1.0 (0.0)
 olv4* 0.75 1.0 0.75 (0.0)
 cmy4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 34.31 -30.88 18.33
 LAB*LAB 34.31 -31.9 17.51
 LAB*LAB 25.01 36.4 151.25

relative CIELAB lab*
 lab*lab 0.212 -0.437 0.24
 lab*ch 0.25 0.5 0.42
 lab*nch 0.0 0.5 0.42
 relative Natural Colour (NC)
 lab*tr 0.212 -0.455 0.204
 lab*ce 0.25 0.5 0.433
 lab*nce 0.0 0.5 0.433

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 0.5 1.0 (0.0)
 olv4* 0.75 1.0 0.75 (0.0)
 cmy4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.12 0.18 0.49
 LAB*LAB 18.12 0.0 0.0
 LAB*LAB 0.01 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.0 0.0 0.0
 lab*ce 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
R _{CIE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularität

 $g^*_{H,rel} = -385$ $g^*_{C,rel} = 62$

relative Inform. Technology (IT)
 olv3* 0.5 1.0 0.5 (1.0)
 cmy3* 0.5 0.0 0.5 (0.0)
 olv4* 0.5 1.0 0.5 (1.0)
 cmy4* 0.5 0.0 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 73.25 -31.25 20.89
 LAB*LAB 73.25 -31.9 17.51
 LAB*LAB 75.0 36.4 151.25

relative CIELAB lab*
 lab*lab 0.712 -0.437 0.24
 lab*ch 0.75 0.5 0.42
 lab*nch 0.0 0.5 0.42
 relative Natural Colour (NC)
 lab*tr 0.712 -0.455 0.204
 lab*ce 0.75 0.5 0.433
 lab*nce 0.0 0.5 0.433

relative Inform. Technology (IT)
 olv3* 0.25 0.75 0.25 (1.0)
 cmy3* 0.75 0.25 0.75 (0.0)
 olv4* 0.5 1.0 0.5 (0.0)
 cmy4* 0.5 0.0 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 53.88 -31.07 14.94
 LAB*LAB 53.88 -31.9 17.51
 LAB*LAB 50.0 36.4 151.25

relative CIELAB lab*
 lab*lab 0.462 -0.437 0.24
 lab*ch 0.5 0.5 0.42
 lab*nch 0.0 0.5 0.42
 relative Natural Colour (NC)
 lab*tr 0.462 -0.455 0.204
 lab*ce 0.5 0.5 0.433
 lab*nce 0.0 0.5 0.433

relative Inform. Technology (IT)
 olv3* 0.0 0.5 0.0 (1.0)
 cmy3* 1.0 0.5 1.0 (0.0)
 olv4* 0.5 1.0 0.5 (0.0)
 cmy4* 0.5 0.0 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 34.31 -30.88 18.33
 LAB*LAB 34.31 -31.9 17.51
 LAB*LAB 25.01 36.4 151.25

relative CIELAB lab*
 lab*lab 0.317 -0.656 0.361
 lab*ch 0.375 0.5 0.42
 lab*nch 0.0 0.5 0.42
 relative Natural Colour (NC)
 lab*tr 0.317 -0.684 0.306
 lab*ce 0.375 0.5 0.433
 lab*nce 0.0 0.5 0.433

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 0.5 1.0 (0.0)
 olv4* 0.5 1.0 0.5 (0.0)
 cmy4* 0.5 0.0 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.12 0.18 0.49
 LAB*LAB 18.12 0.0 0.0
 LAB*LAB 0.01 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.0 0.0 0.0
 lab*ce 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 0.5 1.0 (0.0)
 olv4* 0.5 1.0 0.5 (0.0)
 cmy4* 0.5 0.0 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.12 0.18 0.49
 LAB*LAB 18.12 0.0 0.0
 LAB*LAB 0.01 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.0 0.0 0.0
 lab*ce 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.25 1.0 0.25 (1.0)
 cmy3* 0.75 0.0 0.75 (0.0)
 olv4* 0.25 1.0 0.25 (1.0)
 cmy4* 0.75 0.0 0.75 (0.0)
 standard and adapted CIELAB
 LAB*LAB 62.07 -47.1 28.69
 LAB*LAB 62.07 -48.26 26.26
 LAB*LAB 62.5 54.6 151.25

relative CIELAB lab*
 lab*lab 0.567 -0.656 0.361
 lab*ch 0.625 0.75 0.42
 lab*nch 0.0 0.75 0.42
 relative Natural Colour (NC)
 lab*tr 0.567 -0.684 0.306
 lab*ce 0.625 0.75 0.433
 lab*nce 0.0 0.75 0.433

relative Inform. Technology (IT)
 olv3* 0.0 0.25 0.0 (1.0)
 cmy3* 1.0 0.25 1.0 (0.0)
 olv4* 0.25 1.0 0.25 (0.0)
 cmy4* 1.0 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 50.9 -62.95 36.7
 LAB*LAB 50.9 -63.81 35.01
 LAB*LAB 50.0 72.79 151.25

relative CIELAB lab*
 lab*lab 0.423 -0.876 0.481
 lab*ch 0.5 1.0 0.42
 lab*nch 0.0 1.0 0.42
 relative Natural Colour (NC)
 lab*tr 0.423 -0.912 0.408
 lab*ce 0.5 1.0 0.433
 lab*nce 0.0 1.0 0.433

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 0.0 1.0 (0.0)
 olv4* 0.0 1.0 0.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 42.71 -46.92 27.41
 LAB*LAB 42.71 -47.86 26.26
 LAB*LAB 37.51 54.6 151.25

relative CIELAB lab*
 lab*lab 0.317 -0.656 0.361
 lab*ch 0.375 0.75 0.42
 lab*nch 0.0 0.75 0.42
 relative Natural Colour (NC)
 lab*tr 0.317 -0.684 0.306
 lab*ce 0.375 0.75 0.433
 lab*nce 0.0 0.75 0.433

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 0.0 1.0 (0.0)
 olv4* 0.0 1.0 0.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.12 0.18 0.49
 LAB*LAB 18.12 0.0 0.0
 LAB*LAB 0.01 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.0 0.0 0.0
 lab*ce 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 0.0 1.0 (0.0)
 olv4* 0.0 1.0 0.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.12 0.18 0.49
 LAB*LAB 18.12 0.0 0.0
 LAB*LAB 0.01 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.0 0.0 0.0
 lab*ce 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0

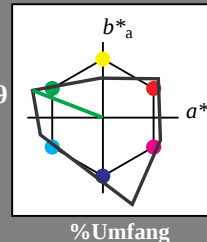
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 159/360 = 0.441$ lab^*ch 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)
 olv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 0.0 0.0
 LAB*LAB 95.41 0.0 0.0
 LAB*LAB 99.99 0.01

relative CIELAB lab*
 lab*lab 1.0 0.0 0.0
 lab*ch 1.0 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 1.0 0.0 0.0
 lab*ce 1.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 71.57 0.0 0.0
 LAB*LAB 71.57 0.0 0.0
 LAB*LAB 75.00 0.01

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.75 0.0 0.0
 lab*ce 0.75 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.5 0.5 0.5 (0.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 50.9 -62.95 36.7
 LAB*LAB 50.9 -63.81 35.01
 LAB*LAB 50.0 72.79 151.25

relative CIELAB lab*
 lab*lab 0.5 0.0 0.0
 lab*ch 0.5 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.5 0.0 0.0
 lab*ce 0.5 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.48 0.79 1.79
 LAB*LAB 37.48 0.0 0.0
 LAB*LAB 25.00 0.01

relative CIELAB lab*
 lab*lab 0.25 0.0 0.0
 lab*ch 0.25 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*tr 0.25 0.0 0.0
 lab*ce 0.25 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.0 0.5 0.0 (1.0)
 cmy3* 1.0 0.5 1.0 (0.0)
 olv4* 0.5 1.0 0.5 (0.0)
 cmy4* 0.5 0.0 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 34.31 -30.88 18.33
 LAB*LAB 34.31 -31.9 17.51
 LAB*LAB 25.01 36.4 151.25

relative CIELAB lab*
 lab*lab 0.212 -0.437 0.24

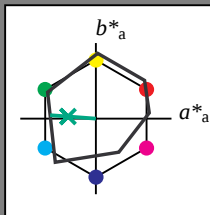
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

A: Buntton G

LCH*Ma: 51 61 176

olv*Ma: 0.0 1.0 0.33

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 96$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmyn3* 0.0 0.0 0.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.6 0.43 4.65

LAB*LAB 95.6 0.0 0.0

LAB*TCRa 99.99 0.01

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 1.0 0.0 0.0

lab*trc 1.0 0.0 0.0

lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.23 0.62 3.36

LAB*LAB 76.23 0.0 0.0

LAB*TCRa 75.00 0.01

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.75 0.0 0.0

lab*trc 0.75 0.0 0.0

lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (0.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olv4* 1.0 1.0 1.0 (0.5)

cmyn4* 0.0 0.0 0.0 (0.5)

standard and adapted CIELAB

LAB*LAB 56.86 0.8 2.08

LAB*LAB 56.86 0.0 0.0

LAB*TCRa 50.00 0.01

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.5 0.0 0.0

lab*trc 0.5 0.0 0.0

lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olv4* 1.0 1.0 1.0 (0.25)

cmyn4* 0.0 0.0 0.0 (0.25)

standard and adapted CIELAB

LAB*LAB 37.48 0.79 0.79

LAB*LAB 37.48 0.0 0.0

LAB*TCRa 25.00 0.01

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.25 0.0 0.0

lab*trc 0.25 0.0 0.0

lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 18.12 0.18 0.49

LAB*LAB 18.12 0.0 0.0

LAB*TCRa 0.01 0.01

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.0 0.0 0.0

lab*trc 0.0 0.0 0.0

lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 18.12 0.18 0.49

LAB*LAB 18.12 0.0 0.0

LAB*TCRa 0.01 0.01

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.0 0.0 0.0

lab*trc 0.0 0.0 0.0

lab*ncc 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

 $g^*_{H,rel} = -385$ $g^*_{C,rel} = 62$

relative Inform. Technology (IT)

olv3* 0.75 1.0 0.832 (1.0)

cmyn3* 0.25 0.0 0.168 (0.0)

olv4* 0.75 1.0 0.832 (1.0)

cmyn4* 0.25 0.0 0.168 (0.0)

standard and adapted CIELAB

LAB*LAB 84.45 -14.57 5.06

LAB*LAB 84.45 -15.11 1.14

LAB*TCRa 97.5 15.16 175.7

relative CIELAB lab*

lab*lab 0.856 -0.248 0.019

lab*ch 0.875 0.25 0.488

lab*nch 0.0 0.25 0.488

relative Natural Colour (NC)

lab*trj 0.856 -0.249 0.0

lab*trc 0.875 0.25 0.3

lab*ncc 0.0 0.25 0.488

relative Inform. Technology (IT)

olv3* 0.5 0.75 0.5 (1.0)

cmyn3* 0.5 0.25 0.418 (0.0)

olv4* 0.75 1.0 0.832 (0.75)

cmyn4* 0.25 0.0 0.168 (0.0)

standard and adapted CIELAB

LAB*LAB 65.08 -14.39 3.77

LAB*LAB 65.08 -15.12 1.14

LAB*TCRa 62.5 15.17 175.69

relative CIELAB lab*

lab*lab 0.616 -0.248 0.019

lab*ch 0.625 0.25 0.488

lab*nch 0.0 0.25 0.488

relative Natural Colour (NC)

lab*trj 0.616 -0.249 0.0

lab*trc 0.625 0.25 0.3

lab*ncc 0.0 0.25 0.488

relative Inform. Technology (IT)

olv3* 0.25 0.75 0.418 (1.0)

cmyn3* 0.75 0.25 0.586 (0.0)

olv4* 0.5 1.0 0.564 (0.75)

cmyn4* 0.5 0.0 0.336 (0.25)

standard and adapted CIELAB

LAB*LAB 53.93 -29.41 4.17

LAB*LAB 53.93 -30.24 2.28

LAB*TCRa 50.0 30.34 175.69

relative CIELAB lab*

lab*lab 0.462 -0.498 0.038

lab*ch 0.5 0.5 0.488

lab*nch 0.0 0.5 0.488

relative Natural Colour (NC)

lab*trj 0.462 -0.499 0.0

lab*trc 0.5 0.5 0.3

lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.248 (1.0)

cmyn3* 0.75 0.25 0.586 (0.0)

olv4* 0.5 1.0 0.564 (0.75)

cmyn4* 0.5 0.0 0.336 (0.25)

standard and adapted CIELAB

LAB*LAB 34.57 -29.21 2.69

LAB*LAB 34.57 -30.25 2.29

LAB*TCRa 25.01 30.33 175.68

relative CIELAB lab*

lab*lab 0.212 -0.497 0.038

lab*ch 0.25 0.5 0.488

lab*nch 0.0 0.5 0.488

relative Natural Colour (NC)

lab*trj 0.212 -0.499 0.0

lab*trc 0.25 0.5 0.3

lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 0.75 0.918 (0.0)

olv4* 0.75 1.0 0.832 (0.0)

cmyn4* 0.25 0.0 0.168 (0.75)

standard and adapted CIELAB

LAB*LAB 26.34 -14.01 1.2

LAB*LAB 26.34 -15.11 1.15

LAB*TCRa 12.5 15.16 175.67

relative CIELAB lab*

lab*lab 0.106 -0.248 0.019

lab*ch 0.125 0.25 0.488

lab*nch 0.0 0.25 0.488

relative Natural Colour (NC)

lab*trj 0.106 -0.249 0.0

lab*trc 0.125 0.25 0.3

lab*ncc 0.0 0.25 0.488

relative Inform. Technology (IT)

olv3* 0.25 1.0 0.496 (1.0)

cmyn3* 0.75 0.0 0.504 (0.0)

olv4* 0.25 1.0 0.496 (1.0)

cmyn4* 0.75 0.0 0.504 (0.0)

standard and adapted CIELAB

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -45.36 3.42

LAB*TCRa 62.5 45.5 175.69

relative CIELAB lab*

lab*lab 0.568 -0.747 0.056

lab*ch 0.625 0.75 0.488

lab*nch 0.0 0.75 0.488

relative Natural Colour (NC)

lab*trj 0.568 -0.749 0.0

lab*trc 0.625 0.75 0.5

lab*ncc 0.0 0.75 0.488

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.248 (1.0)

cmyn3* 0.75 0.25 0.586 (0.0)

olv4* 0.5 1.0 0.564 (0.75)

cmyn4* 0.5 0.0 0.336 (0.25)

standard and adapted CIELAB

LAB*LAB 53.93 -29.41 4.17

LAB*LAB 53.93 -30.24 2.28

LAB*TCRa 50.0 30.34 175.69

relative CIELAB lab*

lab*lab 0.462 -0.498 0.038

lab*ch 0.5 0.5 0.488

lab*nch 0.0 0.5 0.488

relative Natural Colour (NC)

lab*trj 0.462 -0.499 0.0

lab*trc 0.5 0.5 0.3

lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.248 (1.0)

cmyn3* 0.75 0.25 0.586 (0.0)

olv4* 0.5 1.0 0.564 (0.75)

cmyn4* 0.5 0.0 0.336 (0.25)

standard and adapted CIELAB

LAB*LAB 34.57 -29.21 2.69

LAB*LAB 34.57 -30.25 2.29

LAB*TCRa 25.01 30.33 175.68

relative CIELAB lab*

lab*lab 0.212 -0.497 0.038

lab*ch 0.25 0.5 0.488

lab*nch 0.0 0.5 0.488

relative Natural Colour (NC)

lab*trj 0.212 -0.499 0.0

lab*trc 0.25 0.5 0.3

lab*ncc 0.0 0.5 0.488

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 0.75 0.918 (0.0)

olv4* 0.75 1.0 0.832 (0.0)

cmyn4* 0.25 0.0 0.168 (0.75)

standard and adapted CIELAB

LAB*LAB 26.34 -14.01 1.2

LAB*LAB 26.34 -15.11 1.15

LAB*TCRa 12.5 15.16 175.67

relative CIELAB lab*

lab*lab 0.106 -0.248 0.019

lab*ch 0.125 0.25 0.488

lab*nch 0.0 0.25 0.488

relative Natural Colour (NC)

lab*trj 0.106 -0.249 0.0

lab*trc 0.125 0.25 0.3

lab*ncc 0.0 0.25 0.488

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25$ $n^* = 3.50$ $n^* = 3.75$ $n^* = 4.00$ $n^* = 4.25$ $n^* = 4.50$ $n^* = 4.75$ $n^* = 5.00$ $n^* = 5.25$ $n^* = 5.50$ $n^* = 5.75$ $n^* = 6.00$ $n^* = 6.25$ $n^* = 6.50$ $n^* = 6.75$ $n^* = 7.00$ $n^* = 7.25$ $n^* = 7.50$ $n^* = 7.75$ $n^* = 8.00$ $n^* = 8.25$ $n^* = 8.50$ $n^* = 8.75$ $n^* = 9.00$ $n^* = 9.25$ $n^* = 9.50$ $n^* = 9.75$ $n^* = 10.00$ $n^* = 10.25$ $n^* = 10.50$ $n^* = 10.75$ $n^* = 11.00$ $n^* = 11.25$ $n^* = 11.50$ $n^* = 11.75$ $n^* = 12.00$ $n^* = 12.25$ $n^* = 12.50$ $n^* = 12.75$ $n^* = 13.00$ $n^* = 13.25$ $n^* = 13.50$ $n^* = 13.75$ $n^* = 14.00$ $n^* = 14.25$ $n^* = 14.50$ $n^* = 14.75$ $n^* = 15.00$ $n^* = 15.25$ $n^* = 15.50$ $n^* = 15.75$ $n^* = 16.00$ $n^* = 16.25$ $n^* = 16.50$ $n^* = 16.75$ $n^* = 17.00$ $n^* = 17.25$ $n^* = 17.50$ $n^* = 17.75$ $n^* = 18.00$ $n^* = 18.25$ $n^* = 18.50$ $n^* = 18.75$ $n^* = 19.00$ $n^* = 19.25$ $n^* = 19.50$ $n^* = 19.75$ $n^* = 20.00$ $n^* = 20.25$ $n^* = 20.50$ $n^* = 20.75$ $n^* = 21.00$ $n^* = 21.25$ $n^* = 21.50$ $n^* = 21.75$ $n^* = 22.00$ $n^* = 22.25$ $n^* = 22.50$ $n^* = 22.75$ $n^* = 23.00$ $n^* = 23.25$ $n^* = 23.50$ $n^* = 23.75$

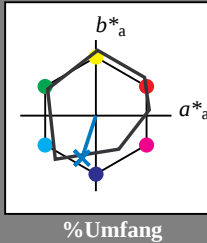
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

A: Buntton B

LCH*Ma: 40 55 252

olv*Ma: 0.0 0.56 1.0

Dreiecks-Helligkeit t^*  $u^*_{rel} = 96$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmyn3* 0.0 0.0 0.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.6 0.43 4.65

LAB*LAB 95.6 0.0 0.0

LAB*LAB 99.99 0.01 -

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*trj 1.0 0.0 0.0

lab*trc 1.0 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.23 0.62 3.36

LAB*LAB 76.23 0.0 0.0

LAB*LAB 75.00 0.01 -

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.75 0.0 0.0

lab*trc 0.75 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (0.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 56.86 0.2 2.08

LAB*LAB 56.86 0.0 0.0

LAB*LAB 50.01 -

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.5 0.0 0.0

lab*trc 0.5 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 37.49 0.18 0.79

LAB*LAB 37.49 0.0 0.0

LAB*LAB 25.00 0.01 -

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.25 0.0 0.0

lab*trc 0.25 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.12 0.18 0.49

LAB*LAB 18.12 0.0 0.0

LAB*LAB 0.01 0.01 -

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.0 0.0 0.0

lab*trc 0.0 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.0 0.0 0.0

lab*trc 0.0 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.23 0.62 3.36

LAB*LAB 76.23 0.0 0.0

LAB*LAB 75.00 0.01 -

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.75 0.0 0.0

lab*trc 0.75 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (0.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 56.86 0.2 2.08

LAB*LAB 56.86 0.0 0.0

LAB*LAB 50.01 -

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.5 0.0 0.0

lab*trc 0.5 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 37.49 0.18 0.79

LAB*LAB 37.49 0.0 0.0

LAB*LAB 25.00 0.01 -

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.25 0.0 0.0

lab*trc 0.25 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.12 0.18 0.49

LAB*LAB 18.12 0.0 0.0

LAB*LAB 0.01 0.01 -

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.0 0.0 0.0

lab*trc 0.0 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.0 0.0 0.0

lab*trc 0.0 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
RC _{IE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularität

 $g^*_{H,rel} = -385$ $g^*_{C,rel} = 62$

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (1.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olv4* 0.5 0.5 0.5 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 67.84 -7.76 -23.11

LAB*LAB 67.84 -8.46 -25.32

LAB*LAB 75.00 27.28 251.91

relative CIELAB lab*

lab*lab 0.642 -0.154 -0.474

lab*ch 0.75 0.5 0.7

lab*nch 0.0 0.5 0.7

relative Natural Colour (NC)

lab*trj 0.642 0.0 -0.499

lab*trc 0.75 0.5 0.7

lab*ncc 0.0 0.5 0.7

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olv4* 0.5 0.5 0.5 (1.0)

cmyn4* 0.5 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 48.47 -7.57 -24.4

LAB*LAB 48.47 -8.46 -25.32

LAB*LAB 50.00 27.28 251.91

relative CIELAB lab*

lab*lab 0.392 -0.154 -0.474

lab*ch 0.5 0.5 0.7

lab*nch 0.0 0.5 0.7

relative Natural Colour (NC)

lab*trj 0.392 0.0 -0.499

lab*trc 0.5 0.5 0.7

lab*ncc 0.0 0.5 0.7

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 0.5 0.5 0.5 (1.0)

cmyn4* 0.5 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 29.1 -8.45 -25.92

LAB*LAB 29.1 -9.45 -27.92

LAB*LAB 25.01 27.28 251.92

relative CIELAB lab*

lab*lab 0.142 -0.154 -0.474

lab*ch 0.25 0.5 0.7

lab*nch 0.0 0.5 0.7

relative Natural Colour (NC)

lab*trj 0.142 0.0 -0.499

lab*trc 0.25 0.5 0.7

lab*ncc 0.0 0.5 0.7

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 0.5 0.5 0.5 (1.0)

cmyn4* 0.5 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.0 0.0 0.0

lab*trc 0.0 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 0.5 0.5 0.5 (1.0)

cmyn4* 0.5 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.0 0.0 0.0

lab*trc 0.0 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olv4* 0.5 0.5 0.5 (1.0)

cmyn4* 0.5 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 53.96 -11.87 -37.0

LAB*LAB 53.96 -12.7 -38.89

LAB*LAB 62.5 40.92 251.91

relative CIELAB lab*

lab*lab 0.463 -0.232 -0.712

lab*ch 0.625 0.75 0.7

lab*nch 0.0 0.75 0.7

relative Natural Colour (NC)

lab*trj 0.463 0.0 -0.749

lab*trc 0.625 0.75 0.7

lab*ncc 0.0 0.75 0.7

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 0.5 0.5 0.5 (1.0)

cmyn4* 0.5 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 40.05 -15.96 -50.88

LAB*LAB 40.05 -16.93 -51.85

LAB*LAB 50.00 54.56 251.91

relative CIELAB lab*

lab*lab 0.284 -0.309 -0.949

lab*ch 0.5 0.5 0.7

lab*nch 0.0 0.5 0.7

relative Natural Colour (NC)

lab*trj 0.284 0.0 -0.999

lab*trc 0.5 0.5 0.7

lab*ncc 0.0 0.5 0.7

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 0.5 0.5 0.5 (1.0)

cmyn4* 0.5 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.0 0.0 0.0

lab*trc 0.0 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 0.5 0.5 0.5 (1.0)

cmyn4* 0.5 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 -

relative Natural Colour (NC)

lab*trj 0.0 0.0 0.0

lab*trc 0.0 0.0 0.0

lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 0.5 0.5 0.5 (1.0)

cmyn4* 0.5 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25$ $n^* = 3.50$ $n^* = 3.75$ $n^* = 4.00$ $n^* = 4.25$ $n^* = 4.50$ $n^* = 4.75$ $n^* = 5.00$ $n^* = 5.25$ $n^* = 5.50$ $n^* = 5.75$ $n^* = 6.00$ $n^* = 6.25$ $n^* = 6.50$ $n^* = 6.75$ $n^* = 7.00$ $n^* = 7.25$ $n^* = 7.50$ $n^* = 7.75$ $n^* = 8.00$ $n^* = 8.25$ $n^* = 8.50$ $n^* = 8.75$ $n^* = 9.00$ $n^* = 9.25$ $n^* = 9.50$ $n^* = 9.75$ $n^* = 10.00$ $n^* = 10.25$ $n^* = 10.50$ $n^* = 10.75$ $n^* = 11.00$ $n^* = 11.25$ $n^* = 11.50$ $n^* = 11.75$ $n^* = 12.00$ $n^* = 12.25$