

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

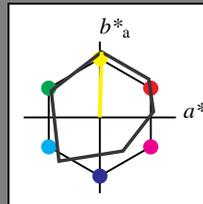
lab^*ich und lab^*nch

A: Buntton Y

LCH*Ma: 93 86 88

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 96$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	95.6	0.43	0.65	
LAB*LAB	95.6	0.0	0.0	
LAB*TCa	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ich	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*ich	1.0	0.0	0.0
lab*nch	0.0	1.0	0.0
lab*icc	0.0	0.0	1.0
lab*ncc	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	76.23	0.62	0.36	
LAB*LAB	76.23	0.0	0.0	
LAB*TCa	75.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ich	0.75	1.0	0.0
lab*nch	0.75	0.0	1.0

relative Natural Colour (NC)

lab*ich	0.75	1.0	0.0
lab*nch	0.75	0.0	1.0
lab*icc	0.75	0.0	0.0
lab*ncc	0.75	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	1.0	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0	1.0
cmv4*	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	0.0	

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ich	0.5	1.0	0.0
lab*nch	0.5	0.0	1.0

relative Natural Colour (NC)

lab*ich	0.5	1.0	0.0
lab*nch	0.5	0.0	1.0
lab*icc	0.5	0.0	0.0
lab*ncc	0.5	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	37.49	0.79	0.79	
LAB*LAB	37.49	0.0	0.0	
LAB*TCa	25.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ich	0.25	1.0	0.0
lab*nch	0.25	0.0	1.0

relative Natural Colour (NC)

lab*ich	0.25	1.0	0.0
lab*nch	0.25	0.0	1.0
lab*icc	0.25	0.0	0.0
lab*ncc	0.25	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.12	0.49	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*TCa	10.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ich	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*ich	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0
lab*icc	0.0	0.0	0.0
lab*ncc	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	9.05	0.24	0.24	
LAB*LAB	9.05	0.0	0.0	
LAB*TCa	5.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ich	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*ich	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0
lab*icc	0.0	0.0	0.0
lab*ncc	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)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	94.85	1.04	26.19	
LAB*LAB	94.85	0.0	0.0	
LAB*TCa	87.5	21.59	88.4	

relative CIELAB lab*

lab*lab	0.99	0.007	0.25
lab*ich	0.875	0.25	0.246
lab*nch	0.0	0.25	0.246

relative Natural Colour (NC)

lab*ich	0.99	-0.016	0.249
lab*nch	0.875	0.25	0.261
lab*icc	0.875	0.25	0.277
lab*ncc	0.0	0.25	0.106

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	94.1	1.21	43.17	
LAB*LAB	94.1	0.0	0.0	
LAB*TCa	75.0	43.19	88.4	

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*ich	0.981	-0.033	0.499
lab*nch	0.75	0.5	0.261
lab*icc	0.75	0.5	0.277
lab*ncc	0.0	0.5	0.106

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	1.0	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	93.36	2.26	69.27	
LAB*LAB	93.36	0.0	0.0	
LAB*TCa	62.5	64.79	88.4	

relative CIELAB lab*

lab*lab	0.971	0.021	0.75
lab*ich	0.625	0.75	0.246
lab*nch	0.0	0.75	0.246

relative Natural Colour (NC)

lab*ich	0.971	-0.05	0.748
lab*nch	0.625	0.75	0.261
lab*icc	0.625	0.75	0.277
lab*ncc	0.0	0.75	0.106

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	74.74	1.84	46.45	
LAB*LAB	74.74	0.0	0.0	
LAB*TCa	50.0	43.2	88.4	

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*ich	0.961	-0.067	0.997
lab*nch	0.5	1.0	0.261
lab*icc	0.5	1.0	0.277
lab*ncc	0.0	1.0	0.106

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	73.99	2.45	67.98	
LAB*LAB	73.99	0.0	0.0	
LAB*TCa	37.51	64.79	88.4	

relative CIELAB lab*

lab*lab	0.721	0.021	0.75
lab*ich	0.375	0.75	0.246
lab*nch	0.0	0.75	0.246

relative Natural Colour (NC)

lab*ich	0.721	-0.05	0.748
lab*nch	0.375	0.75	0.261
lab*icc	0.375	0.75	0.277
lab*ncc	0.0	0.75	0.106

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	1.0	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	55.37	1.21	43.17	
LAB*LAB	55.37	0.0	0.0	
LAB*TCa	25.01	43.19	88.4	

relative CIELAB lab*

lab*lab	0.481	0.014	0.5
lab*ich	0.25	0.5	0.246
lab*nch	0.0	0.5	0.246

relative Natural Colour (NC)

lab*ich	0.481	-0.033	0.499
lab*nch	0.25	0.5	0.261
lab*icc	0.25	0.5	0.277
lab*ncc	0.0	0.5	0.106

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	36.74	0.25	0.261	
LAB*LAB	36.74	0.0	0.0	
LAB*TCa	12.5	21.59	88.4	

relative CIELAB lab*

lab*lab	0.24	0.007	0.25
lab*ich	0.125	0.25	0.246
lab*nch	0.0	0.25	0.246

relative Natural Colour (NC)

lab*ich	0.24	-0.016	0.249
lab*nch	0.125	0.25	0.261
lab*icc	0.125	0.25	0.277
lab*ncc	0.0	0.25	0.106

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.12	0.125	0.125	
LAB*LAB	18.12	0.0	0.0	
LAB*TCa	10.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ich	0.0	1.0	0.0
lab*nch	0.0	0.0	

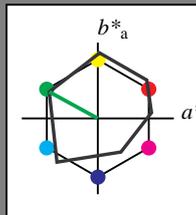
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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^*



%Umfang

$u^*_{rel} = 96$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	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 Inform. Technology (IT)

ohv3*	0.75	1.0	0.75	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
olv3*	0.75	1.0	0.75	1.0
cmv3*	0.25	0.0	0.25	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 Inform. Technology (IT)

ohv3*	0.5	1.0	0.5	(1.0)
cmv3*	0.5	0.0	0.5	(0.0)
olv3*	0.5	1.0	0.5	1.0
cmv3*	0.5	0.0	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	73.25	-31.9	17.51	
LAB*LAB	73.25	-31.9	17.51	
LAB*LAB	75.0	36.4	151.25	

relative Inform. Technology (IT)

ohv3*	0.25	1.0	0.25	(1.0)
cmv3*	0.75	0.0	0.75	(0.0)
olv3*	0.25	1.0	0.25	1.0
cmv3*	0.75	0.0	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	62.07	-47.1	28.69	
LAB*LAB	62.07	-47.1	28.69	
LAB*LAB	62.07	-47.1	28.69	

relative Inform. Technology (IT)

ohv3*	0.0	1.0	0.0	(1.0)
cmv3*	1.0	0.0	1.0	(0.0)
olv3*	0.0	1.0	0.0	1.0
cmv3*	1.0	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	50.9	-62.95	36.7	
LAB*LAB	50.9	-62.95	36.7	
LAB*LAB	50.9	-62.95	36.7	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	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	75.0	0.01	-	

relative Inform. Technology (IT)

ohv3*	0.5	0.75	0.5	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	0.75	1.0	0.75	1.0
cmv3*	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	18.12	151.25	

relative Inform. Technology (IT)

ohv3*	0.25	1.0	0.25	(1.0)
cmv3*	0.75	0.0	0.75	(0.0)
olv3*	0.25	1.0	0.25	1.0
cmv3*	0.75	0.0	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	53.88	-31.07	19.4	
LAB*LAB	53.88	-31.91	17.51	
LAB*LAB	50.0	36.4	151.25	

relative Inform. Technology (IT)

ohv3*	0.0	0.75	0.0	(1.0)
cmv3*	0.75	0.0	0.75	(0.0)
olv3*	0.0	1.0	0.0	1.0
cmv3*	0.75	0.0	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	43.71	-46.92	27.41	
LAB*LAB	43.71	-46.92	27.41	
LAB*LAB	43.71	-46.92	27.41	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	0.0	1.0	(0.0)
olv3*	0.0	1.0	0.0	1.0
cmv3*	1.0	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.5	0.5	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	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	50.0	0.01	-	

relative Inform. Technology (IT)

ohv3*	0.25	0.75	0.25	(1.0)
cmv3*	0.75	0.25	0.25	(0.0)
olv3*	0.75	1.0	0.75	1.0
cmv3*	0.25	0.0	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	45.68	-15.08	10.1	
LAB*LAB	45.68	-15.95	8.76	
LAB*LAB	37.5	18.2	151.25	

relative Inform. Technology (IT)

ohv3*	0.0	0.5	0.0	(1.0)
cmv3*	0.75	0.5	0.5	(0.0)
olv3*	0.0	1.0	0.0	1.0
cmv3*	0.75	0.0	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	37.5	18.2	151.25	
LAB*LAB	37.5	18.2	151.25	
LAB*LAB	37.5	18.2	151.25	

relative Inform. Technology (IT)

ohv3*	0.0	0.25	0.0	(1.0)
cmv3*	1.0	0.25	0.0	(0.0)
olv3*	0.0	1.0	0.0	1.0
cmv3*	1.0	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	37.5	18.2	151.25	
LAB*LAB	37.5	18.2	151.25	
LAB*LAB	37.5	18.2	151.25	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	0.75	0.5	0.5	(0.0)
olv3*	0.0	1.0	0.0	1.0
cmv3*	0.75	0.0	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	37.5	18.2	151.25	
LAB*LAB	37.5	18.2	151.25	
LAB*LAB	37.5	18.2	151.25	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	37.5	0.25	0.79	
LAB*LAB	37.49	0.0	0.0	
LAB*LAB	25.0	0.01	-	

relative Inform. Technology (IT)

ohv3*	0.5	0.75	0.5	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	0.75	1.0	0.75	1.0
cmv3*	0.25	0.0	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	26.31	-15.94	8.75	
LAB*LAB	26.31	-15.94	8.75	
LAB*LAB	26.31	-15.94	8.75	

relative Inform. Technology (IT)

ohv3*	0.0	0.25	0.0	(1.0)
cmv3*	1.0	0.5	0.5	(0.0)
olv3*	0.0	1.0	0.0	1.0
cmv3*	1.0	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	34.51	-31.9	17.51	
LAB*LAB	34.51	-31.9	17.51	
LAB*LAB	34.51	-31.9	17.51	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	0.75	0.5	0.5	(0.0)
olv3*	0.0	1.0	0.0	1.0
cmv3*	0.75	0.0	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	37.5	18.2	151.25	
LAB*LAB	37.5	18.2	151.25	
LAB*LAB	37.5	18.2	151.25	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	0.0	1.0	(0.0)
olv3*	0.0	1.0	0.0	1.0
cmv3*	1.0	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	1.0	0.0	1.0
cmv3*	1.0	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.12	0.18	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*LAB	18.12	0.01	-	

relative Inform. Technology (IT)

ohv3*	0.106	-0.218	0.12	(1.0)
cmv3*	0.125	0.25	0.42	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	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	18.12	0.01	-	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	0.75	0.25	0.25	(0.0)
olv3*	0.75	1.0	0.75	1.0
cmv3*	0.25	0.0	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	26.31	-15.94	8.75	
LAB*LAB	26.31	-15.94	8.75	
LAB*LAB	26.31	-15.94	8.75	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	0.0	1.0	(0.0)
olv3*	0.0	1.0	0.0	1.0
cmv3*	1.0	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	0.75	0.5	0.5	(0.0)
olv3*	0.0	1.0	0.0	1.0
cmv3*	0.75	0.0	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	37.5	18.2	151.25	
LAB*LAB	37.5	18.2	151.25	
LAB*LAB	37.5	18.2	151.25	

SG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.42 (links)

5 stufige Reihen für konstanten CIELAB Buntton 159/360 = 0.441 (rechts)

BAM-Prüfvorlage SG50; Farbmetrik-Systeme ORS18 & TLS00 input: $cmv0^* setcmykcolor$

A: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: $no\ change\ compared\ to\ input$

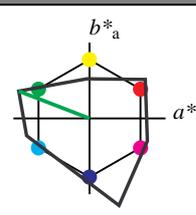
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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^*



%Umfang

$u^*_{rel} = 141$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	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 Inform. Technology (IT)

ohv3*	0.75	1.0	0.75	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
olv3*	0.75	1.0	0.75	1.0
cmv3*	0.25	0.0	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	86.44	-46.47	18.0	
LAB*LAB	86.44	-46.47	18.0	
LAB*LAB	87.5	24.92	158.83	

relative Inform. Technology (IT)

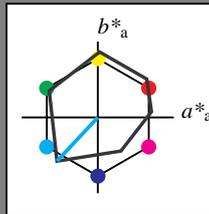
ohv3*	0.5	1.0	0.5	(1.0)
cmv3*	0.5	0.0	0.5	(0.0)
olv3*	0.5	1.0	0.5	1.0
cmv3*	0.5	0.0	0.5</	

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

lab^*ich und lab^*nch

A: Buntton C
 LCH*Ma: 51 79 227
 olv*Ma: 0.0 1.0 1.0



%Umfang

$u^*_{rel} = 96$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	95.6	0.43	0.65	
LAB*LAB	95.6	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative Inform. Technology (IT)

ohv3*	0.75	1.0	1.0	(1.0)
cmv3*	0.25	0.0	0.0	(0.0)
ohv4*	0.75	1.0	1.0	1.0
cmv4*	0.25	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	84.51	-12.87	-10.49	
LAB*LAB	84.51	-13.41	-14.41	
LAB*LAB	87.5	19.7	227.06	

relative Inform. Technology (IT)

ohv3*	0.5	1.0	1.0	(1.0)
cmv3*	0.5	0.0	0.0	(0.0)
ohv4*	0.5	1.0	1.0	1.0
cmv4*	0.5	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	73.42	-26.83	-25.65	
LAB*LAB	73.42	-26.83	-28.84	
LAB*LAB	75.0	39.4	227.06	

relative Inform. Technology (IT)

ohv3*	0.25	1.0	1.0	(1.0)
cmv3*	0.25	0.0	0.0	(0.0)
ohv4*	0.25	1.0	1.0	1.0
cmv4*	0.25	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	62.33	-39.5	-40.81	
LAB*LAB	62.33	-40.25	-42.26	
LAB*LAB	62.5	59.1	227.06	

relative Inform. Technology (IT)

ohv3*	0.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	0.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	51.25	-52.81	-55.97	
LAB*LAB	51.25	-53.67	-57.68	
LAB*LAB	50.0	78.8	227.06	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	0.75
cmv4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	76.23	0.62	3.36	
LAB*LAB	76.23	0.0	0.0	
LAB*LAB	75.0	0.01	0.0	

relative Inform. Technology (IT)

ohv3*	0.5	0.75	0.75	(1.0)
cmv3*	0.5	0.25	0.25	(0.0)
ohv4*	0.75	1.0	1.0	0.75
cmv4*	0.25	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	65.14	-12.69	-11.78	
LAB*LAB	65.14	-13.41	-14.42	
LAB*LAB	62.5	19.7	227.06	

relative Inform. Technology (IT)

ohv3*	0.25	1.0	1.0	(1.0)
cmv3*	0.25	0.0	0.0	(0.0)
ohv4*	0.25	1.0	1.0	1.0
cmv4*	0.25	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	62.33	-39.5	-40.81	
LAB*LAB	62.33	-40.25	-42.26	
LAB*LAB	62.5	59.1	227.06	

relative Inform. Technology (IT)

ohv3*	0.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	0.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	51.25	-52.81	-55.97	
LAB*LAB	51.25	-53.67	-57.68	
LAB*LAB	50.0	78.8	227.06	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	1.0	0.5
cmv4*	0.5	0.5	0.5	0.5
standard and adapted CIELAB				
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	50.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.25	0.5	0.5	(0.0)
cmv3*	0.75	0.5	0.5	(0.0)
ohv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	56.86	0.2	2.08	
LAB*LAB	56.86	0.0	0.0	
LAB*LAB	50.0	0.01	0.0	

relative Inform. Technology (IT)

ohv3*	0.625	0.75	0.75	(1.0)
cmv3*	0.375	0.25	0.25	(0.0)
ohv4*	0.75	1.0	1.0	0.5
cmv4*	0.25	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	45.77	-13.41	-13.07	
LAB*LAB	45.77	-13.41	-14.42	
LAB*LAB	37.5	19.7	227.06	

relative Inform. Technology (IT)

ohv3*	0.0	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	0.0	1.0	1.0	0.75
cmv4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	42.97	-39.4	-42.1	
LAB*LAB	42.97	-40.25	-42.26	
LAB*LAB	37.5	59.1	227.06	

relative Inform. Technology (IT)

ohv3*	0.0	1.0	1.0	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	0.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	42.97	-39.4	-42.1	
LAB*LAB	42.97	-40.25	-42.26	
LAB*LAB	37.5	59.1	227.06	

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.0	(0.0)
cmv3*	0.5	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	0.5
cmv4*	0.5	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	43.3	-20.67	-5.68	
LAB*LAB	43.3	-20.67	-5.68	
LAB*LAB	50.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	0.75
cmv4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	37.5	0.0	0.79	
LAB*LAB	37.49	0.0	0.0	
LAB*LAB	25.0	0.01	0.0	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	0.75	1.0	1.0	0.5
cmv4*	0.25	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	37.5	0.25	0.631	
LAB*LAB	37.5	0.25	0.631	
LAB*LAB	37.5	0.25	0.631	

relative Inform. Technology (IT)

ohv3*	0.0	0.5	0.5	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	0.0	1.0	1.0	0.75
cmv4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	34.68	-25.81	-28.22	
LAB*LAB	34.68	-26.83	-28.84	
LAB*LAB	35.0	39.4	227.06	

relative Inform. Technology (IT)

ohv3*	0.0	1.0	1.0	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	0.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	31.51	-36.6	-65.53	
LAB*LAB	31.51	-36.6	-65.53	
LAB*LAB	30.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.0	(0.0)
cmv3*	0.5	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	0.5
cmv4*	0.5	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	25.0	0.01	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	18.12	0.0	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*LAB	0.01	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.25	0.25	(1.0)
cmv3*	1.0	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	0.75
cmv4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	12.5	0.26	0.631	
LAB*LAB	12.5	0.26	0.631	
LAB*LAB	12.5	0.26	0.631	

relative Inform. Technology (IT)

ohv3*	0.0	0.5	0.5	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	0.0	1.0	1.0	0.75
cmv4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	12.5	0.26	0.631	
LAB*LAB	12.5	0.26	0.631	
LAB*LAB	12.5	0.26	0.631	

relative Inform. Technology (IT)

ohv3*	0.0	1.0	1.0	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	0.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.25
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 Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	1.0
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 Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	1.0
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 Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	1.0
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 Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	1.0
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 Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	1.0
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 Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)

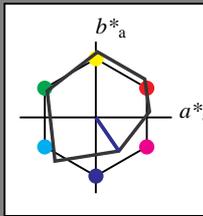
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

lab^*ich und lab^*nch

A: Buntton V
 LCH*Ma: 26 54 304
 olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 96$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	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*LABb	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*ich	1.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*nrj	1.0	0.0	0.0	
lab*nce	1.0	0.0	0.0	
lab*nce	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	0.75
cmv4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	76.23	0.62	3.36	
LAB*LABa	76.23	0.0	0.0	
LAB*LABb	75.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.75	0.0	0.0	
lab*ich	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*nrj	0.75	0.0	0.0	
lab*nce	0.75	0.0	0.0	
lab*nce	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	1.0	0.5
cmv4*	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*LABb	50.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	
lab*ich	0.5	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*nrj	0.5	0.0	0.0	
lab*nce	0.5	0.0	0.0	
lab*nce	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	0.25
cmv4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB				
LAB*LAB	37.15	1.16	2.79	
LAB*LABa	37.15	0.0	0.0	
LAB*LABb	37.49	0.0	0.0	
LAB*LABc	25.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	
lab*ich	0.25	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*nrj	0.25	0.0	0.0	
lab*nce	0.25	0.0	0.0	
lab*nce	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	0.0
cmv4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	18.12	1.8	4.9	
LAB*LABa	18.12	0.0	0.0	
LAB*LABb	18.12	0.0	0.0	
LAB*LABc	0.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
lab*ich	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*nrj	0.0	0.0	0.0	
lab*nce	0.0	0.0	0.0	
lab*nce	0.0	0.0	0.0	

$n^* = 1.0$

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

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

0.75

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

relative Buntheit c^*

0.25

0.50

0.75

1.00

1.25

1.50

1.75

2.00

2.25

2.50

2.75

3.00

3.25

3.50

3.75

4.00

4.25

4.50

4.75

5.00

5.25

5.50

5.75

6.00

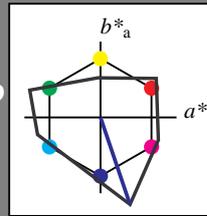
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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^*



%Umfang

$u^*_{rel} = 141$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	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*LABb	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*tch	1.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*nrj	1.0	0.0	0.0	
lab*nce	1.0	0.0	0.0	
lab*nce	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	0.75
cmv4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	71.57	0.14	1.94	
LAB*LABa	71.57	0.0	0.0	
LAB*LABb	75.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.75	0.0	0.0	
lab*tch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*nrj	0.75	0.0	0.0	
lab*nce	0.75	0.0	0.0	
lab*nce	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	47.72	0.44	1.44	
LAB*LABa	47.72	0.0	0.0	
LAB*LABb	50.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	
lab*tch	0.5	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*nrj	0.5	0.0	0.0	
lab*nce	0.5	0.0	0.0	
lab*nce	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	0.25
cmv4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB				
LAB*LAB	25.75	0.88	2.44	
LAB*LABa	25.75	0.0	0.0	
LAB*LABb	25.75	0.0	0.0	
LAB*LABc	0.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	
lab*tch	0.25	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*nrj	0.25	0.0	0.0	
lab*nce	0.25	0.0	0.0	
lab*nce	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	0.0
cmv4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	
LAB*LABa	0.0	0.0	0.0	
LAB*LABb	0.0	0.0	0.0	
LAB*LABc	0.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
lab*tch	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*nrj	0.0	0.0	0.0	
lab*nce	0.0	0.0	0.0	
lab*nce	0.0	0.0	0.0	

$n^* = 1.0$

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}	78.36	-92.97	36.00	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
G _{CIE}	49.0	-35.95	4.34	36.22	173
B _{CIE}	25.14	-17.24	-56.24	58.84	253

%Regularität

$g^*_{H,rel} = 39$
 $g^*_{C,rel} = 43$

0.75

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

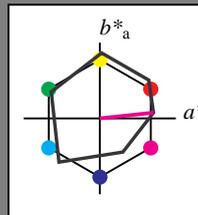
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

lab^*ch und lab^*nch

A: Buntton M
 LCH*Ma: 56 71 6
 olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 96$

relative Inform. Technology (IT)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	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*nrj	1.0	0.0	0.0
lab*nrc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.75	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)
olv3*	1.0	0.75	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	85.76	18.17	5.9
LAB*LAB	85.76	17.64	1.89
LAB*TCa	87.5	17.74	6.12

relative CIELAB lab*

lab*lab	0.75	0.25	0.0
lab*ch	0.75	0.25	0.017
lab*nch	0.0	0.25	0.017

relative Natural Colour (NC)

lab*nrj	0.75	0.0	0.0
lab*nrc	0.25	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)
olv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	75.92	35.91	7.13
LAB*LAB	75.92	35.29	3.78
LAB*TCa	75.0	35.49	6.12

relative CIELAB lab*

lab*lab	0.75	0.25	0.0
lab*ch	0.75	0.25	0.017
lab*nch	0.0	0.25	0.017

relative Natural Colour (NC)

lab*nrj	0.75	0.0	0.0
lab*nrc	0.25	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.25	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)
olv3*	1.0	0.25	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	66.08	53.65	8.37
LAB*LAB	66.08	53.67	5.67
LAB*TCa	62.5	53.24	6.12

relative CIELAB lab*

lab*lab	0.75	0.25	0.0
lab*ch	0.75	0.25	0.017
lab*nch	0.0	0.25	0.017

relative Natural Colour (NC)

lab*nrj	0.75	0.0	0.0
lab*nrc	0.25	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.1	1.0	(1.0)
cmv3*	0.0	0.1	0.0	(0.0)
olv3*	1.0	0.1	1.0	(1.0)
cmv3*	0.0	0.1	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.55	36.1	5.85
LAB*LAB	56.55	35.29	3.78
LAB*TCa	50.0	35.5	6.12

relative CIELAB lab*

lab*lab	0.75	0.25	0.0
lab*ch	0.75	0.25	0.017
lab*nch	0.0	0.25	0.017

relative Natural Colour (NC)

lab*nrj	0.75	0.0	0.0
lab*nrc	0.25	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	46.75	33.44	7.08
LAB*LAB	46.75	33.93	5.67
LAB*TCa	37.51	33.24	6.12

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	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	75.0	0.01	-

relative CIELAB lab*

lab*lab	0.75	0.75	0.0
lab*ch	0.75	0.75	0.0
lab*nch	0.25	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.75	0.0	0.0
lab*nrc	0.25	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.5	0.75	(1.0)
cmv3*	0.25	0.5	0.25	(0.0)
olv3*	1.0	0.75	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	66.39	17.65	1.89
LAB*LAB	66.39	17.65	1.89
LAB*TCa	62.5	17.75	6.12

relative CIELAB lab*

lab*lab	0.75	0.25	0.0
lab*ch	0.75	0.25	0.017
lab*nch	0.0	0.25	0.017

relative Natural Colour (NC)

lab*nrj	0.75	0.0	0.0
lab*nrc	0.25	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	60.85	41.08	7.341
LAB*LAB	60.85	41.08	7.341
LAB*TCa	62.5	41.08	7.341

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*nrj	0.75	0.0	0.0
lab*nrc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.55	36.1	5.85
LAB*LAB	56.55	35.29	3.78
LAB*TCa	50.0	35.5	6.12

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*nrj	0.75	0.0	0.0
lab*nrc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.25	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.55	36.1	5.85
LAB*LAB	56.55	35.29	3.78
LAB*TCa	50.0	35.5	6.12

relative CIELAB lab*

lab*lab	0.75	0.25	0.0
lab*ch	0.75	0.25	0.017
lab*nch	0.0	0.25	0.017

relative Natural Colour (NC)

lab*nrj	0.75	0.25	0.0
lab*nrc	0.25	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	66.71	76.06	-29.79
LAB*LAB	66.71	76.06	-29.79
LAB*TCa	50.0	81.7	338.6

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	1.0	1.0	1.0	(1.0)
olv3*	0.5	0.5	0.5	(0.0)
cmv3*	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	50.0	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*nrj	0.5	0.0	0.0
lab*nrc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.25	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.02	18.55	3.39
LAB*LAB	47.02	17.65	1.89
LAB*TCa	37.5	17.75	6.12

relative CIELAB lab*

lab*lab	0.75	0.25	0.0
lab*ch	0.75	0.25	0.017
lab*nch	0.0	0.25	0.017

relative Natural Colour (NC)

lab*nrj	0.75	0.25	0.0
lab*nrc	0.25	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.0	0.5	(0.0)
cmv3*	1.0	0.0	1.0	(1.0)
olv3*	0.5	0.0	0.5	(0.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	46.75	33.44	7.08
LAB*LAB	46.75	33.93	5.67
LAB*TCa	37.51	33.24	6.12

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*nrj	0.5	0.0	0.0
lab*nrc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	42.85	0.25	0.79
LAB*LAB	42.85	0.0	0.0
LAB*TCa	25.0	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*nrj	0.25	0.0	0.0
lab*nrc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
olv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	37.38	36.28	4.56
LAB*LAB	37.38	36.28	4.56
LAB*TCa	37.5	17.75	6.12

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*nrj	0.75	0.0	0.0
lab*nrc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.0	0.5	(0.0)
cmv3*	1.0	0.0	1.0	(1.0)
olv3*	0.5	0.0	0.5	(0.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	50.0	57.05	22.34
LAB*LAB	50.0	57.05	22.34
LAB*TCa	37.51	61.28	338.6

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	37.38	36.28	4.56
LAB*LAB	37.38	36.28	4.56
LAB*TCa	25.0	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*nrj	0.25	0.0	0.0
lab*nrc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.0	0.5	(0.0)
cmv3*	1.0	0.0	1.0	(1.0)
olv3*	0.5	0.0	0.5	(0.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	37.38	36.28	4.56
LAB*LAB	37.38	36.28	4.56

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

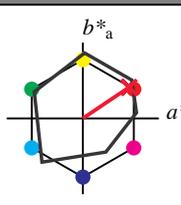
lab^*ch und lab^*nch

A: Buntton R

LCH*Ma: 49 79 34

olv*Ma: 1.0 0.0 0.15

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 96$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	1.0	1.0	1.0	(1.0)
olvi10*	0.0	0.0	0.0	(0.0)
olvi11*	1.0	1.0	1.0	(1.0)
olvi12*	0.0	0.0	0.0	(0.0)
olvi13*	1.0	1.0	1.0	(1.0)
olvi14*	0.0	0.0	0.0	(0.0)
olvi15*	1.0	1.0	1.0	(1.0)
olvi16*	0.0	0.0	0.0	(0.0)
olvi17*	1.0	1.0	1.0	(1.0)
olvi18*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.788	(1.0)
olvi4*	0.0	0.25	0.212	(0.0)
olvi5*	1.0	0.75	0.788	(1.0)
olvi6*	0.0	0.25	0.212	(0.0)
olvi7*	1.0	0.75	0.788	(1.0)
olvi8*	0.0	0.25	0.212	(0.0)
olvi9*	1.0	0.75	0.788	(1.0)
olvi10*	0.0	0.25	0.212	(0.0)
olvi11*	1.0	0.75	0.788	(1.0)
olvi12*	0.0	0.25	0.212	(0.0)
olvi13*	1.0	0.75	0.788	(1.0)
olvi14*	0.0	0.25	0.212	(0.0)
olvi15*	1.0	0.75	0.788	(1.0)
olvi16*	0.0	0.25	0.212	(0.0)
olvi17*	1.0	0.75	0.788	(1.0)
olvi18*	0.0	0.25	0.212	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.575	(1.0)
olvi4*	0.0	0.5	0.425	(0.0)
olvi5*	1.0	0.5	0.575	(1.0)
olvi6*	0.0	0.5	0.425	(0.0)
olvi7*	1.0	0.5	0.575	(1.0)
olvi8*	0.0	0.5	0.425	(0.0)
olvi9*	1.0	0.5	0.575	(1.0)
olvi10*	0.0	0.5	0.425	(0.0)
olvi11*	1.0	0.5	0.575	(1.0)
olvi12*	0.0	0.5	0.425	(0.0)
olvi13*	1.0	0.5	0.575	(1.0)
olvi14*	0.0	0.5	0.425	(0.0)
olvi15*	1.0	0.5	0.575	(1.0)
olvi16*	0.0	0.5	0.425	(0.0)
olvi17*	1.0	0.5	0.575	(1.0)
olvi18*	0.0	0.5	0.425	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.25	0.263	(1.0)
olvi4*	0.0	0.75	0.637	(0.0)
olvi5*	1.0	0.25	0.263	(1.0)
olvi6*	0.0	0.75	0.637	(0.0)
olvi7*	1.0	0.25	0.263	(1.0)
olvi8*	0.0	0.75	0.637	(0.0)
olvi9*	1.0	0.25	0.263	(1.0)
olvi10*	0.0	0.75	0.637	(0.0)
olvi11*	1.0	0.25	0.263	(1.0)
olvi12*	0.0	0.75	0.637	(0.0)
olvi13*	1.0	0.25	0.263	(1.0)
olvi14*	0.0	0.75	0.637	(0.0)
olvi15*	1.0	0.25	0.263	(1.0)
olvi16*	0.0	0.75	0.637	(0.0)
olvi17*	1.0	0.25	0.263	(1.0)
olvi18*	0.0	0.75	0.637	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.15	0.15	(1.0)
olvi4*	0.0	0.85	0.85	(0.0)
olvi5*	1.0	0.15	0.15	(1.0)
olvi6*	0.0	0.85	0.85	(0.0)
olvi7*	1.0	0.15	0.15	(1.0)
olvi8*	0.0	0.85	0.85	(0.0)
olvi9*	1.0	0.15	0.15	(1.0)
olvi10*	0.0	0.85	0.85	(0.0)
olvi11*	1.0	0.15	0.15	(1.0)
olvi12*	0.0	0.85	0.85	(0.0)
olvi13*	1.0	0.15	0.15	(1.0)
olvi14*	0.0	0.85	0.85	(0.0)
olvi15*	1.0	0.15	0.15	(1.0)
olvi16*	0.0	0.85	0.85	(0.0)
olvi17*	1.0	0.15	0.15	(1.0)
olvi18*	0.0	0.85	0.85	(0.0)

standard and adapted CIELAB

LAB*LAB	76.23	0.62	3.36
LAB*LABa	76.23	0.0	0.0
LAB*LABb	75.00	0.01	-

standard and adapted CIELAB

LAB*LAB	76.23	0.62	3.36
LAB*LABa	76.23	0.0	0.0
LAB*LABb	75.00	0.01	-

standard and adapted CIELAB

LAB*LAB	76.23	0.62	3.36
LAB*LABa	76.23	0.0	0.0
LAB*LABb	75.00	0.01	-

standard and adapted CIELAB

LAB*LAB	76.23	0.62	3.36
LAB*LABa	76.23	0.0	0.0
LAB*LABb	75.00	0.01	-

standard and adapted CIELAB

LAB*LAB	76.23	0.62	3.36
LAB*LABa	76.23	0.0	0.0
LAB*LABb	75.00	0.01	-

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi4*	0.25	0.25	0.25	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	1.0	1.0	1.0	(1.0)
olvi10*	0.0	0.0	0.0	(0.0)
olvi11*	1.0	1.0	1.0	(1.0)
olvi12*	0.0	0.0	0.0	(0.0)
olvi13*	1.0	1.0	1.0	(1.0)
olvi14*	0.0	0.0	0.0	(0.0)
olvi15*	1.0	1.0	1.0	(1.0)
olvi16*	0.0	0.0	0.0	(0.0)
olvi17*	1.0	1.0	1.0	(1.0)
olvi18*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.5	0.575	(1.0)
olvi4*	0.25	0.425	0.425	(0.0)
olvi5*	1.0	0.5	0.575	(1.0)
olvi6*	0.0	0.425	0.425	(0.0)
olvi7*	1.0	0.5	0.575	(1.0)
olvi8*	0.0	0.425	0.425	(0.0)
olvi9*	1.0	0.5	0.575	(1.0)
olvi10*	0.0	0.425	0.425	(0.0)
olvi11*	1.0	0.5	0.575	(1.0)
olvi12*	0.0	0.425	0.425	(0.0)
olvi13*	1.0	0.5	0.575	(1.0)
olvi14*	0.0	0.425	0.425	(0.0)
olvi15*	1.0	0.5	0.575	(1.0)
olvi16*	0.0	0.425	0.425	(0.0)
olvi17*	1.0	0.5	0.575	(1.0)
olvi18*	0.0	0.425	0.425	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.263	(1.0)
olvi4*	0.25	0.737	0.737	(0.0)
olvi5*	1.0	0.25	0.263	(1.0)
olvi6*	0.0	0.737	0.737	(0.0)
olvi7*	1.0	0.25	0.263	(1.0)
olvi8*	0.0	0.737	0.737	(0.0)
olvi9*	1.0	0.25	0.263	(1.0)
olvi10*	0.0	0.737	0.737	(0.0)
olvi11*	1.0	0.25	0.263	(1.0)
olvi12*	0.0	0.737	0.737	(0.0)
olvi13*	1.0	0.25	0.263	(1.0)
olvi14*	0.0	0.737	0.737	(0.0)
olvi15*	1.0	0.25	0.263	(1.0)
olvi16*	0.0	0.737	0.737	(0.0)
olvi17*	1.0	0.25	0.263	(1.0)
olvi18*	0.0	0.737	0.737	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.15	0.15	(1.0)
olvi4*	0.25	0.85	0.85	(0.0)
olvi5*	1.0	0.15	0.15	(1.0)
olvi6*	0.0	0.85	0.85	(0.0)
olvi7*	1.0	0.15	0.15	(1.0)
olvi8*	0.0	0.85	0.85	(0.0)
olvi9*	1.0	0.15	0.15	(1.0)
olvi10*	0.0	0.85	0.85	(0.0)
olvi11*	1.0	0.15	0.15	(1.0)
olvi12*	0.0	0.85	0.85	(0.0)
olvi13*	1.0	0.15	0.15	(1.0)
olvi14*	0.0	0.85	0.85	(0.0)
olvi15*	1.0	0.15	0.15	(1.0)
olvi16*	0.0	0.85	0.85	(0.0)
olvi17*	1.0	0.15	0.15	(1.0)
olvi18*	0.0	0.85	0.85	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.0	0.0	(1.0)
olvi4*	0.25	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi6*	0.0	1.0	1.0	(0.0)
olvi7*	1.0	0.0	0.0	(1.0)
olvi8*	0.0	1.0	1.0	(0.0)
olvi9*	1.0	0.0	0.0	(1.0)
olvi10*	0.0	1.0	1.0	(0.0)
olvi11*	1.0	0.0	0.0	(1.0)
olvi12*	0.0	1.0	1.0	(0.0)
olvi13*	1.0	0.0	0.0	(1.0)
olvi14*	0.0	1.0	1.0	(0.0)
olvi15*	1.0	0.0	0.0	(1.0)
olvi16*	0.0	1.0	1.0	(0.0)
olvi17*	1.0	0.0	0.0	(1.0)
olvi18*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
olvi4*	0.75	0.75	0.75	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	1.0	1.0	1.0	(1.0)
olvi10*	0.0	0.0	0.0	(0.0)
olvi11*	1.0	1.0	1.0	(1.0)
olvi12*	0.0	0.0	0.0	(0.0)
olvi13*	1.0	1.0	1.0	(1.0)
olvi14*	0.0	0.0	0.0	(0.0)
olvi15*	1.0	1.0	1.0	(1.0)
olvi16*	0.0	0.0	0.0	(0.0)
olvi17*	1.0	1.0	1.0	(1.0)
olvi18*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.25	0.5	0.575	(1.0)
olvi4*	0.75	0.425	0.425	(0.0)
olvi5*	1.0	0.5	0.575	(1.0)
olvi6*	0.0	0.425	0.425	(0.0)
olvi7*	1.0	0.5	0.575	(1.0)
olvi8*	0.0	0.425	0.425	(0.0)
olvi9*	1.0	0.5	0.575	(1.0)
olvi10*	0.0	0.425	0.425	(0.0)
olvi11*	1.0	0.5	0.575	(1.0)
olvi12*	0.0	0.425	0.425	(0.0)
olvi13*	1.0	0.5	0.575	(1.0)
olvi14*	0.0	0.425	0.425	(0.0)
olvi15*	1.0	0.5	0.575	(1.0)
olvi16*	0.0	0.425	0.425	(0.0)
olvi17*	1.0	0.5	0.575	(1.0)
olvi18*	0.0	0.425	0.425	(0.0)

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.263	(1.0)
olvi4*	0.75	0.737	0.737	(0.0)
olvi5*	1.0	0.25	0.263	(1.0)
olvi6*	0.0	0.737	0.737	(0.0)
olvi7*	1.0	0.25	0.263	(1.0)
olvi8*	0.0	0.737	0.737	(0.0)
olvi9*	1.0	0.25	0.263	(1.0)
olvi10*	0.0	0.737	0.737	(0.0)
olvi11*	1.0	0.25	0.263	(1.0)
olvi12*	0.0	0.737	0.737	(0.0)
olvi13*	1.0	0.25	0.263	(1.0)
olvi14*	0.0	0.737	0.737	(0.0)
olvi15*	1.0	0.25	0.263	(1.0)
olvi16*	0.0	0.737	0.737	(0.0)
olvi17*	1.0	0.25	0.263	(1.0)
olvi18*	0.0	0.737	0.737	(0.0)

relative Inform. Technology (IT)

olvi3*	0.25	0.15	0.15	(1.0)
olvi4*	0.75	0.85	0.85	(0.0)
olvi5*	1.0	0.15	0.15	(1.0)
olvi6*	0.0	0.85	0.85	(0.0)
olvi7*	1.0	0.15	0.15	(1.0)
olvi8*	0.0	0.85	0.85	

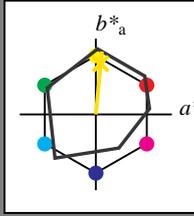
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

lab^*ich und lab^*nch

A: Buntton J
 LCH*Ma: 89 83 84
 olv*Ma: 1.0 0.91 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 96$

relative Inform. Technology (IT)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.6	0.43	46.5	
LAB*LAB	95.6	0.0	0.0	
LAB*TCa	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*nch	0.0	0.0	0.0
lab*ich	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nrj	1.0	0.0	0.0
lab*ncc	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.977	0.75	(1.0)
cmv3*	0.0	0.023	0.25	(0.0)
olv3*	1.0	0.977	0.75	(1.0)
cmv3*	0.0	0.023	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	93.83	2.46	25.31	
LAB*LAB	93.83	2.02	20.77	
LAB*TCa	87.5	20.86	84.45	

%Regularität

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

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	1.0	1.0	(0.75)
cmv3*	0.0	0.0	0.0	(0.25)
standard and adapted CIELAB				
LAB*LAB	76.23	0.62	3.36	
LAB*LAB	76.23	0.0	0.0	
LAB*TCa	75.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.977	0.024	0.249
lab*nch	0.875	0.25	0.235
lab*ich	0.875	0.25	0.235
lab*nch	0.0	0.25	0.235
lab*ich	0.0	0.25	0.235

relative Natural Colour (NC)

lab*nrj	0.977	0.0	0.25
lab*ncc	0.875	0.25	0.235
lab*nce	0.0	0.25	0.235

relative Inform. Technology (IT)

obv3*	1.0	0.954	0.5	(1.0)
cmv3*	0.0	0.046	0.5	(0.0)
olv3*	1.0	0.954	0.5	(1.0)
cmv3*	0.0	0.046	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	92.06	4.54	45.96	
LAB*LAB	92.06	4.04	41.54	
LAB*TCa	75.0	0.0	0.0	

%Regularität

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

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	1.0	1.0	(0.75)
cmv3*	0.0	0.0	0.0	(0.25)
standard and adapted CIELAB				
LAB*LAB	56.86	0.2	2.08	
LAB*LAB	56.86	0.0	0.0	
LAB*TCa	50.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.75	0.024	0.249
lab*nch	0.625	0.25	0.235
lab*ich	0.625	0.25	0.235
lab*nch	0.0	0.25	0.235
lab*ich	0.0	0.25	0.235

relative Natural Colour (NC)

lab*nrj	0.75	0.0	0.25
lab*ncc	0.625	0.25	0.235
lab*nce	0.0	0.25	0.235

relative Inform. Technology (IT)

obv3*	0.75	0.704	0.25	(1.0)
cmv3*	0.25	0.296	0.75	(0.0)
olv3*	1.0	0.954	0.5	(0.75)
cmv3*	0.0	0.046	0.5	(0.25)
standard and adapted CIELAB				
LAB*LAB	72.69	4.47	44.68	
LAB*LAB	72.69	4.05	41.54	
LAB*TCa	50.0	0.0	0.0	

%Regularität

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

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	1.0	1.0	1.0	(0.5)
cmv3*	0.0	0.0	0.0	(0.5)
standard and adapted CIELAB				
LAB*LAB	56.86	0.2	2.08	
LAB*LAB	56.86	0.0	0.0	
LAB*TCa	50.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*nch	0.5	0.0	0.0
lab*ich	0.5	0.0	0.0
lab*nch	0.0	0.5	0.0
lab*ich	0.0	0.5	0.0

relative Natural Colour (NC)

lab*nrj	0.5	0.0	0.0
lab*ncc	0.5	0.0	0.0
lab*nce	0.0	0.5	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.681	0.0	(1.0)
cmv3*	0.25	0.319	1.0	(0.0)
olv3*	1.0	0.931	0.25	(0.75)
cmv3*	0.0	0.069	0.75	(0.25)
standard and adapted CIELAB				
LAB*LAB	70.92	6.74	65.32	
LAB*LAB	70.92	6.07	62.3	
LAB*TCa	37.51	62.6	84.44	

%Regularität

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

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	(0.25)
cmv3*	0.0	0.0	0.0	(0.75)
standard and adapted CIELAB				
LAB*LAB	37.48	0.79	3.79	
LAB*LAB	37.49	0.0	0.0	
LAB*TCa	25.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.477	0.024	0.249
lab*nch	0.375	0.25	0.235
lab*ich	0.375	0.25	0.235
lab*nch	0.0	0.25	0.235
lab*ich	0.0	0.25	0.235

relative Natural Colour (NC)

lab*nrj	0.477	0.0	0.25
lab*ncc	0.375	0.25	0.235
lab*nce	0.0	0.25	0.235

relative Inform. Technology (IT)

obv3*	0.5	0.454	0.0	(1.0)
cmv3*	0.5	0.546	1.0	(0.0)
olv3*	1.0	0.954	0.5	(0.5)
cmv3*	0.0	0.046	0.5	(0.5)
standard and adapted CIELAB				
LAB*LAB	53.32	4.05	41.53	
LAB*LAB	53.32	4.05	41.53	
LAB*TCa	25.01	41.73	84.44	

%Regularität

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

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	(0.25)
cmv3*	0.0	0.0	0.0	(0.75)
standard and adapted CIELAB				
LAB*LAB	37.48	0.79	3.79	
LAB*LAB	37.49	0.0	0.0	
LAB*TCa	25.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*nch	0.25	0.0	0.0
lab*ich	0.25	0.0	0.0
lab*nch	0.0	0.25	0.0
lab*ich	0.0	0.25	0.0

relative Natural Colour (NC)

lab*nrj	0.25	0.0	0.0
lab*ncc	0.25	0.0	0.0
lab*nce	0.0	0.25	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.682	0.0	(1.0)
cmv3*	0.25	0.318	1.0	(0.0)
olv3*	1.0	0.931	0.25	(0.75)
cmv3*	0.0	0.069	0.75	(0.25)
standard and adapted CIELAB				
LAB*LAB	70.92	6.74	65.32	
LAB*LAB	70.92	6.07	62.3	
LAB*TCa	37.51	62.6	84.44	

%Regularität

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

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	(0.0)
cmv3*	0.0	0.0	0.0	(1.0)
standard and adapted CIELAB				
LAB*LAB	18.12	0.0	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*TCa	0.01	0.0	0.0	

relative CIELAB lab*

lab*lab	0.227	0.024	0.249
lab*nch	0.125	0.25	0.235
lab*ich	0.125	0.25	0.235
lab*nch	0.0	0.25	0.235
lab*ich	0.0	0.25	0.235

relative Natural Colour (NC)

lab*nrj	0.227	0.0	0.25
lab*ncc	0.125	0.25	0.235
lab*nce	0.0	0.25	0.235

relative Inform. Technology (IT)

obv3*	0.5	0.454	0.0	(1.0)
cmv3*	0.5	0.546	1.0	(0.0)
olv3*	1.0	0.954	0.5	(0.5)
cmv3*	0.0	0.046	0.5	(0.5)
standard and adapted CIELAB				
LAB*LAB	53.32	4.05	41.53	
LAB*LAB	53.32	4.05	41.53	
LAB*TCa	25.01	41.73	84.44	

%Regularität

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

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	(0.0)
cmv3*	0.0	0.0	0.0	(1.0)
standard and adapted CIELAB				
LAB*LAB	18.12	0.0	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*TCa	0.01	0.0	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0
lab*ich	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0
lab*ich	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.0	0.0	0.0
lab*ncc	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	(0.0)
cmv3*	0.0	0.0	0.0	(1.0)
standard and adapted CIELAB				
LAB*LAB	18.12	0.0	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*TCa	0.01	0.0	0.0	

%Regularität

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

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	(0.0)
cmv3*	0.0	0.0	0.0	(1.0)
standard and adapted CIELAB				
LAB*LAB	18.12	0.0	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*TCa	0.01	0.0	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0
lab*ich	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0
lab*ich	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.0	0.0	0.0
lab*ncc	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	(0.0)
cmv3*	0.0	0.0	0.0	(1.0)
standard and adapted CIELAB				
LAB*LAB	18.12	0.0	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*TCa	0.01	0.0	0.0	

%Regularität

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

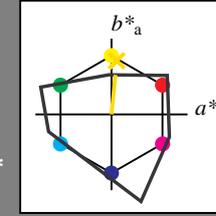
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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^*



%Umfang
 $u^*_{rel} = 141$

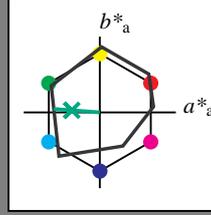
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	95.6	0.43	0.65	
LAB*LAB	95.6	0.0	0.0	
LAB*TCRa	99.99	0.01	-	

relative Inform. Technology (IT)

ohv3*	0.75	1.0	0.832	(1.0)
cmv3*	0.25	0.0	0.168	(0.0)
ohv4*	0.75	1.0	0.832	1.0
cmv4*	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	87.5	15.16	175.69	

relative Inform. Technology (IT)

ohv3*	0.5	1.0	0.664	(1.0)
cmv3*	0.5	0.0	0.336	(0.0)
ohv4*	0.5	1.0	0.664	1.0
cmv4*	0.5	0.0	0.336	0.0
standard and adapted CIELAB				
LAB*LAB	73.3	-29.59	5.45	
LAB*LAB	73.3	-30.23	2.28	
LAB*TCRa	75.0	30.33	175.69	

relative Inform. Technology (IT)

ohv3*	0.25	1.0	0.496	(1.0)
cmv3*	0.75	0.0	0.504	(0.0)
ohv4*	0.25	1.0	0.496	1.0
cmv4*	0.75	0.0	0.504	0.0
standard and adapted CIELAB				
LAB*LAB	59.68	-14.39	3.77	
LAB*LAB	59.68	-15.12	1.14	
LAB*TCRa	62.5	15.17	175.69	

relative Inform. Technology (IT)

ohv3*	0.5	0.75	0.413	(1.0)
cmv3*	0.5	0.25	0.488	(0.0)
ohv4*	0.5	0.75	0.413	1.0
cmv4*	0.5	0.25	0.488	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 Inform. Technology (IT)

ohv3*	0.25	0.75	0.258	(1.0)
cmv3*	0.75	0.25	0.586	(0.0)
ohv4*	0.25	0.75	0.258	1.0
cmv4*	0.75	0.25	0.586	0.0
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 Inform. Technology (IT)

ohv3*	0.25	0.5	0.164	(1.0)
cmv3*	0.75	0.25	0.836	(0.0)
ohv4*	0.25	0.5	0.164	1.0
cmv4*	0.75	0.25	0.836	0.0
standard and adapted CIELAB				
LAB*LAB	47.72	-29.21	2.89	
LAB*LAB	47.72	-30.23	2.28	
LAB*TCRa	50.0	30.34	175.69	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.054	(1.0)
cmv3*	0.75	0.25	0.946	(0.0)
ohv4*	0.25	0.25	0.054	1.0
cmv4*	0.75	0.25	0.946	0.0
standard and adapted CIELAB				
LAB*LAB	42.76	-44.42	4.58	
LAB*LAB	42.76	-45.36	3.43	
LAB*TCRa	37.51	45.5	175.69	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.054	(1.0)
cmv3*	0.75	0.25	0.946	(0.0)
ohv4*	0.25	0.25	0.054	1.0
cmv4*	0.75	0.25	0.946	0.0
standard and adapted CIELAB				
LAB*LAB	33.93	-29.41	4.17	
LAB*LAB	33.93	-30.24	2.28	
LAB*TCRa	50.0	30.34	175.69	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.054	(1.0)
cmv3*	0.75	0.25	0.946	(0.0)
ohv4*	0.25	0.25	0.054	1.0
cmv4*	0.75	0.25	0.946	0.0
standard and adapted CIELAB				
LAB*LAB	33.93	-29.41	4.17	
LAB*LAB	33.93	-30.24	2.28	
LAB*TCRa	50.0	30.34	175.69	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.054	(1.0)
cmv3*	0.75	0.25	0.946	(0.0)
ohv4*	0.25	0.25	0.054	1.0
cmv4*	0.75	0.25	0.946	0.0
standard and adapted CIELAB				
LAB*LAB	33.93	-29.41	4.17	
LAB*LAB	33.93	-30.24	2.28	
LAB*TCRa	50.0	30.34	175.69	

ORS18; adaptierte CIELAB-Daten

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

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

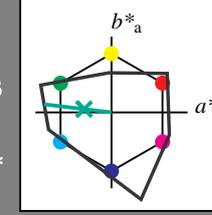
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

lab^*ch und lab^*nch

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

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 141$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	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*TCRa	99.99	0.01	-	

relative Inform. Technology (IT)

ohv3*	0.75	1.0	0.858	(1.0)
cmv3*	0.25	0.0	0.142	(0.0)
ohv4*	0.75	1.0	0.858	1.0
cmv4*	0.25	0.0	0.142	0.0
standard and adapted CIELAB				
LAB*LAB	91.01	-22.12	2.67	
LAB*LAB	91.01	-22.12	2.67	
LAB*TCRa	87.5	22.29	173.12	

relative Inform. Technology (IT)

ohv3*	0.5	1.0	0.642	(1.0)
cmv3*	0.5	0.0	0.358	(0.0)
ohv4*	0.5	1.0	0.642	1.0
cmv4*	0.5	0.0	0.358	0.0
standard and adapted CIELAB				
LAB*LAB	71.57	-29.59	5.45	
LAB*LAB	71.57	-30.23	2.28	
LAB*TCRa	75.0	30.33	173.12	

relative Inform. Technology (IT)

ohv3*	0.25	1.0	0.481	(1.0)
cmv3*	0.75	0.0	0.519	(0.0)
ohv4*	0.25	1.0	0.481	1.0
cmv4*	0.75	0.0	0.519	0.0
standard and adapted CIELAB				
LAB*LAB	59.68	-14.39	3.77	
LAB*LAB	59.68	-15.12	1.14	
LAB*TCRa	62.5	15.17	173.12	

relative Inform. Technology (IT)

ohv3*	0.25	0.75	0.258	(1.0)
cmv3*	0.75	0.25	0.742	(0.0)
ohv4*	0.25	0.75	0.258	1.0
cmv4*	0.75	0.25	0.742	0.0
standard and adapted CIELAB				
LAB*LAB	42.76	-44.42	4.58	
LAB*LAB	42.76	-45.36	3.43	
LAB*TCRa	37.51	45.5	173.12	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.054	(1.0)
cmv3*	0.75	0.25	0.946	(0.0)
ohv4*	0.25	0.25	0.054	1.0
cmv4*	0.75	0.25	0.946	0.0
standard and adapted CIELAB				
LAB*LAB	33.93	-29.41	4.17	
LAB*LAB	33.93	-30.24	2.28	
LAB*TCRa	50.0	30.34	173.12	

ORS18; adaptierte CIELAB-Daten

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

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

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	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*TCRa	99.99	0.01	-	

relative Inform. Technology (IT)

ohv3*	0.75	1.0	0.858	(1.0)
cmv3*	0.25	0.0	0.142	(0.0)
ohv4*	0.75	1.0	0.858	1.0
cmv4*	0.25	0.0	0.142	0.0
standard and adapted CIELAB				
LAB*LAB	91.01	-22.12	2.67	
LAB*LAB	91.01	-22.12	2.67	
LAB*TCRa	87.5	22.29	173.12	

relative Inform. Technology (IT)

ohv3*	0.5	1.0	0.642	(1.0)
cmv3*	0.5	0.0	0.358	(0.0)
ohv4*	0.5	1.0	0.642	1.0
cmv4*	0.5	0.0	0.358	0.0
standard and adapted CIELAB				
LAB*LAB	71.57	-29.59	5.45	
LAB*LAB	71.57	-30.23	2.28	
LAB*TCRa	75.0	30.33	173.12	

relative Inform. Technology (IT)

ohv3*	0.25	1.0	0.481	(1.0)
cmv3*	0.75	0.0	0.519	(0.0)
ohv4*	0.25	1.0	0.481	1.0
cmv4*	0.75	0.0	0.519	0.0
standard and adapted CIELAB				
LAB*LAB	59.68	-14.39	3.77	
LAB*LAB	59.68	-15.12	1.14	
LAB*TCRa	62.5	15.17	173.12	

relative Inform. Technology (IT)

ohv3*	0.25	0.75	0.258	(1.0)
cmv3*	0.75	0.25	0.742	(0.0)
ohv4*	0.25	0.75	0.258	1.0
cmv4*	0.75	0.25	0.742	0.0
standard and adapted CIELAB				
LAB*LAB	42.76	-44.42	4.58	
LAB*LAB	42.76	-45.36	3.43	
LAB*TCRa	37.51	45.5	173.12	

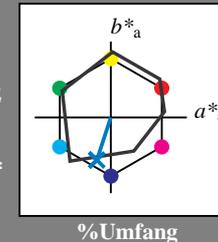
ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.9	-63.82	35.02	72.81	151
CMa	51.25	-53.68	-57.69	78.82	

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

A: Buntton B
 LCH*Ma: 40 55 252
 olv*Ma: 0.0 0.56 1.0



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
BC _{IE}	25.14	-18.35	-56.22	59.15	252

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	1.0	1.0	1.0	(1.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi1*	1.0	1.0	1.0	(1.0)
olvi2*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.891	1.0	(1.0)
olvi4*	0.25	0.109	0.0	(0.0)
olvi5*	0.75	0.891	1.0	(1.0)
olvi6*	0.25	0.109	0.0	(0.0)
olvi7*	0.75	0.891	1.0	(1.0)
olvi8*	0.25	0.109	0.0	(0.0)
olvi9*	0.75	0.891	1.0	(1.0)
olvi0*	0.25	0.109	0.0	(0.0)
olvi1*	0.75	0.891	1.0	(1.0)
olvi2*	0.25	0.109	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.5	0.641	0.75	(1.0)
olvi4*	0.25	0.359	0.25	(0.0)
olvi5*	0.5	0.641	0.75	(1.0)
olvi6*	0.25	0.359	0.25	(0.0)
olvi7*	0.5	0.641	0.75	(1.0)
olvi8*	0.25	0.359	0.25	(0.0)
olvi9*	0.5	0.641	0.75	(1.0)
olvi0*	0.25	0.359	0.25	(0.0)
olvi1*	0.5	0.641	0.75	(1.0)
olvi2*	0.25	0.359	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.25	0.531	0.75	(1.0)
olvi4*	0.0	0.469	0.25	(0.0)
olvi5*	0.25	0.531	0.75	(1.0)
olvi6*	0.0	0.469	0.25	(0.0)
olvi7*	0.25	0.531	0.75	(1.0)
olvi8*	0.0	0.469	0.25	(0.0)
olvi9*	0.25	0.531	0.75	(1.0)
olvi0*	0.0	0.469	0.25	(0.0)
olvi1*	0.25	0.531	0.75	(1.0)
olvi2*	0.0	0.469	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.422	0.75	(1.0)
olvi4*	0.0	0.578	0.25	(0.0)
olvi5*	0.0	0.422	0.75	(1.0)
olvi6*	0.0	0.578	0.25	(0.0)
olvi7*	0.0	0.422	0.75	(1.0)
olvi8*	0.0	0.578	0.25	(0.0)
olvi9*	0.0	0.422	0.75	(1.0)
olvi0*	0.0	0.578	0.25	(0.0)
olvi1*	0.0	0.422	0.75	(1.0)
olvi2*	0.0	0.578	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.25	0.75	(1.0)
olvi4*	0.0	0.75	0.25	(0.0)
olvi5*	0.0	0.25	0.75	(1.0)
olvi6*	0.0	0.75	0.25	(0.0)
olvi7*	0.0	0.25	0.75	(1.0)
olvi8*	0.0	0.75	0.25	(0.0)
olvi9*	0.0	0.25	0.75	(1.0)
olvi0*	0.0	0.75	0.25	(0.0)
olvi1*	0.0	0.25	0.75	(1.0)
olvi2*	0.0	0.75	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.25	0.75	(1.0)
olvi4*	0.0	0.75	0.25	(0.0)
olvi5*	0.0	0.25	0.75	(1.0)
olvi6*	0.0	0.75	0.25	(0.0)
olvi7*	0.0	0.25	0.75	(1.0)
olvi8*	0.0	0.75	0.25	(0.0)
olvi9*	0.0	0.25	0.75	(1.0)
olvi0*	0.0	0.75	0.25	(0.0)
olvi1*	0.0	0.25	0.75	(1.0)
olvi2*	0.0	0.75	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.25	0.75	(1.0)
olvi4*	0.0	0.75	0.25	(0.0)
olvi5*	0.0	0.25	0.75	(1.0)
olvi6*	0.0	0.75	0.25	(0.0)
olvi7*	0.0	0.25	0.75	(1.0)
olvi8*	0.0	0.75	0.25	(0.0)
olvi9*	0.0	0.25	0.75	(1.0)
olvi0*	0.0	0.75	0.25	(0.0)
olvi1*	0.0	0.25	0.75	(1.0)
olvi2*	0.0	0.75	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.25	0.75	(1.0)
olvi4*	0.0	0.75	0.25	(0.0)
olvi5*	0.0	0.25	0.75	(1.0)
olvi6*	0.0	0.75	0.25	(0.0)
olvi7*	0.0	0.25	0.75	(1.0)
olvi8*	0.0	0.75	0.25	(0.0)
olvi9*	0.0	0.25	0.75	(1.0)
olvi0*	0.0	0.75	0.25	(0.0)
olvi1*	0.0	0.25	0.75	(1.0)
olvi2*	0.0	0.75	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.25	0.75	(1.0)
olvi4*	0.0	0.75	0.25	(0.0)
olvi5*	0.0	0.25	0.75	(1.0)
olvi6*	0.0	0.75	0.25	(0.0)
olvi7*	0.0	0.25	0.75	(1.0)
olvi8*	0.0	0.75	0.25	(0.0)
olvi9*	0.0	0.25	0.75	(1.0)
olvi0*	0.0	0.75	0.25	(0.0)
olvi1*	0.0	0.25	0.75	(1.0)
olvi2*	0.0	0.75	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi1*	0.0	0.0	0.0	(0.0)
olvi2*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi1*	0.0	0.0	0.0	(0.0)
olvi2*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi1*	0.0	0.0	0.0	(0.0)
olvi2*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi1*	0.0	0.0	0.0	(0.0)
olvi2*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi1*	0.0	0.0	0.0	(0.0)
olvi2*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi1*	0.0	0.0	0.0	(0.0)
olvi2*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

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olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi1*	0.0	0.0	0.0	(0.0)
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relative Inform. Technology (IT)

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olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi1*	0.0	0.0	0.0	(0.0)
olvi2*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
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olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi1*	0.0	0.0	0.0	(0.0)
olvi2*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi1*	0.0	0.0	0.0	(0.0)
olvi2*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
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olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi1*	0.0	0.0	0.0	(0.0)
olvi2*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0
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