

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

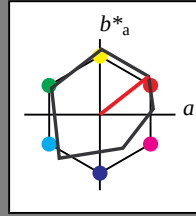
lab^*ch und lab^*nch

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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	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	95.6	0.0	0.0	
LAB*LAB	95.6	0.0	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	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	76.23	0.0	0.0	
LAB*LAB	76.23	0.0	0.0	

relative CIELAB lab*

lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	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	56.86	0.0	0.0	
LAB*LAB	56.86	0.0	0.0	

relative CIELAB lab*

lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	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*LAB	37.49	0.0	0.0	
LAB*LAB	37.49	0.0	0.0	

relative CIELAB lab*

lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)
lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)
lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)
lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)
lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	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*LAB	18.12	0.0	0.0	
LAB*LAB	18.12	0.0	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	(1.0)
lab*lab	1.0	1.0	1.0	(0.0)
lab*lab	0.0	0.0	0.0	(1.0)
lab*lab	1.0	1.0	1.0	(0.0)
lab*lab	0.0	0.0	0.0	(1.0)
lab*lab	1.0	1.0	1.0	(0.0)
lab*lab	0.0	0.0	0.0	(1.0)
lab*lab	1.0	1.0	1.0	(0.0)
lab*lab	0.0	0.0	0.0	(1.0)
lab*lab	1.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	0.01	0.01	0.01	
LAB*LAB	0.01	0.01	0.01	
LAB*LAB	0.01	0.01	0.01	
LAB*LAB	0.01	0.01	0.01	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	(1.0)
lab*lab	1.0	1.0	1.0	(0.0)
lab*lab	0.0	0.0	0.0	(1.0)
lab*lab	1.0	1.0	1.0	(0.0)
lab*lab	0.0	0.0	0.0	(1.0)
lab*lab	1.0	1.0	1.0	(0.0)
lab*lab	0.0	0.0	0.0	(1.0)
lab*lab	1.0	1.0	1.0	(0.0)
lab*lab	0.0	0.0	0.0	(1.0)
lab*lab	1.0	1.0	1.0	(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*	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)
olv5*	1.0	0.5	0.5	(1.0)
olv5*	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	71.77	32.2	25.28	
LAB*LAB	71.77	32.2	25.28	

relative CIELAB lab*

lab*lab	0.692	0.393	0.309	
lab*lab	0.75	0.5	0.106	
lab*lab	0.75	0.5	0.106	
lab*lab	0.75	0.5	0.106	
lab*lab	0.75	0.5	0.106	
lab*lab	0.75	0.5	0.106	
lab*lab	0.75	0.5	0.106	
lab*lab	0.75	0.5	0.106	
lab*lab	0.75	0.5	0.106	
lab*lab	0.75	0.5	0.106	

relative Inform. Technology (IT)

olv3*	0.75	0.25	0.25	(1.0)
olv3*	0.25	0.75	0.25	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv5*	1.0	0.5	0.5	(1.0)
olv5*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	59.85	49.08	40.21	
LAB*LAB	59.85	49.08	40.21	
LAB*LAB	59.85	49.08	40.21	
LAB*LAB	59.85	49.08	40.21	

relative CIELAB lab*

lab*lab	0.539	0.59	0.463	
lab*lab	0.625	0.75	0.106	
lab*lab	0.625	0.75	0.106	
lab*lab	0.625	0.75	0.106	
lab*lab	0.625	0.75	0.106	
lab*lab	0.625	0.75	0.106	
lab*lab	0.625	0.75	0.106	
lab*lab	0.625	0.75	0.106	
lab*lab	0.625	0.75	0.106	
lab*lab	0.625	0.75	0.106	

relative Inform. Technology (IT)

olv3*	0.75	0.0	0.0	(1.0)
olv3*	0.25	1.0	0.0	(0.0)
olv4*	1.0	0.25	0.25	(1.0)
olv4*	0.0	0.75	0.25	(0.0)
olv5*	1.0	0.25	0.25	(1.0)
olv5*	0.0	0.75	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	40.49	49.27	38.93	
LAB*LAB	40.49	49.27	38.93	
LAB*LAB	40.49	49.27	38.93	
LAB*LAB	40.49	49.27	38.93	

relative CIELAB lab*

lab*lab	0.289	0.59	0.463	
lab*lab	0.375	0.75	0.106	
lab*lab	0.375	0.75	0.106	
lab*lab	0.375	0.75	0.106	
lab*lab	0.375	0.75	0.106	
lab*lab	0.375	0.75	0.106	
lab*lab	0.375	0.75	0.106	
lab*lab	0.375	0.75	0.106	
lab*lab	0.375	0.75	0.106	
lab*lab	0.375	0.75	0.106	

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
olv3*	0.25	1.0	0.0	(0.0)
olv4*	1.0	0.25	0.25	(1.0)
olv4*	0.0	0.75	0.25	(0.0)
olv5*	1.0	0.25	0.25	(1.0)
olv5*	0.0	0.75	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.03	32.2	25.28	
LAB*LAB	33.03	32.2	25.28	
LAB*LAB	33.03	32.2	25.28	
LAB*LAB	33.03	32.2	25.28	

relative CIELAB lab*

lab*lab	0.193	0.393	0.309	
lab*lab	0.25	0.5	0.106	
lab*lab	0.25	0.5	0.106	
lab*lab	0.25	0.5	0.106	
lab*lab	0.25	0.5	0.106	
lab*lab	0.25	0.5	0.106	
lab*lab	0.25	0.5	0.106	
lab*lab	0.25	0.5	0.106	
lab*lab	0.25	0.5	0.106	
lab*lab	0.25	0.5	0.106	

relative Inform. Technology (IT)

olv3*	0.25	0.0	0.0	(1.0)
olv3*	0.75	1.0	0.0	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.25	0.25	(0.0)
olv5*	1.0	0.75	0.75	(1.0)
olv5*	0.0	0.25	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	25.37	17.21	12.65	
LAB*LAB	25.37	17.21	12.65	
LAB*LAB	25.37	17.21	12.65	
LAB*LAB	25.37	17.21	12.65	

Die URSl8 & 1LS00
für 10 Bunttöne

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Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

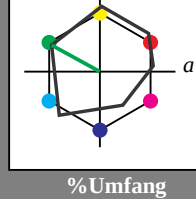
lab^*ch und lab^*nch

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)
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	95.6	0.0	0.0	
LAB*LAB	95.6	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	84.42	-15.4	12.67	
LAB*LAB	84.42	-15.4	8.75	
LAB*LAB	84.42	-15.4	8.75	
LAB*LAB	84.42	-15.4	8.75	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	73.25	-31.9	20.69	
LAB*LAB	73.25	-31.9	17.51	
LAB*LAB	73.25	-31.9	17.51	
LAB*LAB	73.25	-31.9	17.51	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(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	
LAB*LAB	62.07	-47.1	28.69	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(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	
LAB*LAB	50.9	-62.95	36.7	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.72	-0.912	4.08	
LAB*LAB	47.72	-0.912	4.08	
LAB*LAB	47.72	-0.912	4.08	
LAB*LAB	47.72	-0.912	4.08	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.72	-0.912	4.08	
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LAB*LAB	47.72	-0.912	4.08	
LAB*LAB	47.72	-0.912	4.08	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.72	-0.912	4.08	
LAB*LAB	47.72	-0.912	4.08	
LAB*LAB	47.72	-0.912	4.08	
LAB*LAB	47.72	-0.912	4.08	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.72	-0.912	4.08	
LAB*LAB	47.72	-0.912	4.08	
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LAB*LAB	47.72	-0.912	4.08	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.72	-0.912	4.08	
LAB*LAB	47.72	-0.912	4.08	
LAB*LAB	47.72	-0.912	4.08	
LAB*LAB	47.72	-0.912	4.08	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	
LAB*LAB	37.48	-18.18	8.49	

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: $cmY0^* setcmykcolor$

A: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne

output: $no\ change\ compared\ to\ input$

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

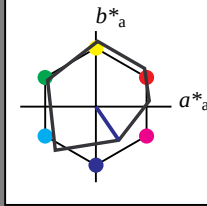
lab^*ch und lab^*nch

A: Buntton V

LCH*Ma: 26 54 304

olv*Ma: 0.0 0.0 1.0

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*LABa 95.6 0.0 0.0
LAB*LABb 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*tr 1.0 0.0 0.0
lab*ce 1.0 0.0 0.0
lab*nce 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*LABa 76.23 0.0 0.0
LAB*LABb 75.0 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*tr 0.75 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.0 0.0 -

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 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*LABa 56.86 0.0 0.0
LAB*LABb 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 -
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 -

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 37.48 0.8 0.79
LAB*LABa 37.48 0.0 0.0
LAB*LABb 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 -
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 -

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*LABa 18.12 0.0 0.0
LAB*LABb 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 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*LABa 0.0 0.0 0.0
LAB*LABb 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 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*LABa 0.0 0.0 0.0
LAB*LABb 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 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* 0.75 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 60.66 15.17 -22.17
LAB*LABa 60.66 0.0 0.0
LAB*LABb 57.5 13.43 304.36

relative CIELAB lab*
lab*lab 0.75 0.141 -0.205
lab*ch 0.875 0.25 0.845
lab*nch 0.0 0.25 0.845
relative Natural Colour (NC)
lab*tr 0.775 0.137 -0.208
lab*ce 0.875 0.25 0.842
lab*nce 0.0 0.25 0.842

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 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 58.76 8.37 -8.87
LAB*LABa 58.76 0.0 0.0
LAB*LABb 56.25 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.625 0.25 0.845
lab*nch 0.0 0.25 0.845
relative Natural Colour (NC)
lab*tr 0.549 0.274 -0.417
lab*ce 0.75 0.25 0.842
lab*nce 0.0 0.25 0.842

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 41.29 15.17 -22.18
LAB*LABa 41.29 0.0 0.0
LAB*LABb 38.75 15.17 304.36

relative CIELAB lab*
lab*lab 0.25 0.141 -0.205
lab*ch 0.375 0.25 0.845
lab*nch 0.0 0.25 0.845
relative Natural Colour (NC)
lab*tr 0.299 0.274 -0.417
lab*ce 0.5 0.25 0.842
lab*nce 0.0 0.25 0.842

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 21.52 16.31 -11.42
LAB*LABa 21.52 0.0 0.0
LAB*LABb 25.01 26.87 304.36

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.25 0.25 0.845
lab*nch 0.0 0.25 0.845
relative Natural Colour (NC)
lab*tr 0.049 0.274 -0.417
lab*ce 0.25 0.25 0.842
lab*nce 0.0 0.25 0.842

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*LABa 0.0 0.0 0.0
LAB*LABb 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 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*LABa 0.0 0.0 0.0
LAB*LABb 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

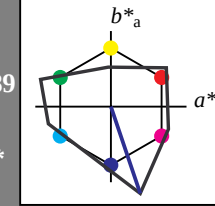
lab^*ch und lab^*nch

A: Buntton V

LCH*Ma: 13 121 289

olv*Ma: 0.0 0.0 1.0

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*LABa 95.41 0.0 0.0
LAB*LABb 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*tr 1.0 0.0 0.0
lab*ce 1.0 0.0 0.0
lab*nce 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*LABa 71.57 0.0 0.0
LAB*LABb 75.0 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*tr 0.75 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.0 0.0 -

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 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.85 9.7 -28.7
LAB*LABa 50.85 0.0 0.0
LAB*LABb 48.75 9.7 -28.7

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.625 0.25 0.845
lab*nch 0.0 0.25 0.845
relative Natural Colour (NC)
lab*tr 0.549 0.274 -0.417
lab*ce 0.75 0.25 0.842
lab*nce 0.0 0.25 0.842

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 25.73 31.44 -44.34
LAB*LABa 25.73 0.0 0.0
LAB*LABb 25.0 31.44 304.36

relative CIELAB lab*
lab*lab 0.25 0.141 -0.205
lab*ch 0.375 0.25 0.845
lab*nch 0.0 0.25 0.845
relative Natural Colour (NC)
lab*tr 0.299 0.274 -0.417
lab*ce 0.5 0.25 0.842
lab*nce 0.0 0.25 0.842

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 23.88 23.88 -33.38
LAB*LABa 23.88 0.0 0.0
LAB*LABb 25.01 30.36 304.36

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.25 0.25 0.845
lab*nch 0.0 0.25 0.845
relative Natural Colour (NC)
lab*tr 0.049 0.274 -0.417
lab*ce 0.25 0.25 0.842
lab*nce 0.0 0.25 0.842

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*LABa 0.0 0.0 0.0
LAB*LABb 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 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*LABa 0.0 0.0 0.0
LAB*LABb 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

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

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

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 53.98 19.4 -57.39
LAB*LABa 53.98 0.0 0.0
LAB*LABb 50.85 9.7 -28.7

relative CIELAB lab*
lab*lab 0.75 0.16 -0.473
lab*ch 0.875 0.25 0.802
lab*nch 0.0 0.25 0.802
relative Natural Colour (NC)
lab*tr 0.783 0.193 -0.46
lab*ce 0.875 0.25 0.813
lab*nce 0.0 0.25 0.813

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 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.85 9.7 -28.7
LAB*LABa 50.85 0.0 0.0
LAB*LABb 48.75 9.7 -28.7

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.625 0.25 0.802
lab*nch 0.0 0.25 0.802
relative Natural Colour (NC)
lab*tr 0.549 0.274 -0.417
lab*ce 0.75 0.25 0.813
lab*nce 0.0 0.25 0.813

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 30.13 19.41 -57.4
LAB*LABa 30.13 0.0 0.0
LAB*LABb 25.0 60.6 288.68

relative CIELAB lab*
lab*lab 0.25 0.16 -0.473
lab*ch 0.375 0.25 0.802
lab*nch 0.0 0.25 0.802
relative Natural Colour (NC)
lab*tr 0.299 0.274 -0.417
lab*ce 0.5 0.25 0.813
lab*nce 0.0 0.25 0.813

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 6.29 19.4 -57.39
LAB*LABa 6.29 0.0 0.0
LAB*LABb 25.01 60.59 288.68

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.25 0.25 0.802
lab*nch 0.0 0.25 0.802
relative Natural Colour (NC)
lab*tr 0.049 0.274 -0.417
lab*ce 0.25 0.25 0.813
lab*nce 0.0 0.25 0.813

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*LABa 0.0 0.0 0.0
LAB*LABb 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 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*LABa 0.0 0.0 0.0
LAB*LABb 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

BAM-Prüfvorlage SG50; Farbmetrik-Systeme ORS18 & TLS00 input: cmy0* setcmykcolor

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

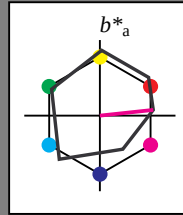
lab^*ch und lab^*nch

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)

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)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.75	1.0	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.75	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
olv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.5	1.0	(1.0)
olv3*	0.0	0.5	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
olv4*	0.0	0.5	0.0	(0.0)
olv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.25	1.0	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.25	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
olv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.125	1.0	(1.0)
olv3*	0.0	0.125	0.0	(0.0)
olv4*	1.0	0.125	1.0	(1.0)
olv4*	0.0	0.125	0.0	(0.0)
olv4*	0.0	0.125	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.0625	1.0	(1.0)
olv3*	0.0	0.0625	0.0	(0.0)
olv4*	1.0	0.0625	1.0	(1.0)
olv4*	0.0	0.0625	0.0	(0.0)
olv4*	0.0	0.0625	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.03125	1.0	(1.0)
olv3*	0.0	0.03125	0.0	(0.0)
olv4*	1.0	0.03125	1.0	(1.0)
olv4*	0.0	0.03125	0.0	(0.0)
olv4*	0.0	0.03125	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

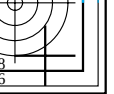
olv3*	1.0	0.015625	1.0	(1.0)
olv3*	0.0	0.015625	0.0	(0.0)
olv4*	1.0	0.015625	1.0	(1.0)
olv4*	0.0	0.015625	0.0	(0.0)
olv4*	0.0	0.015625	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.0078125	1.0	(1.0)
olv3*	0.0	0.0078125	0.0	(0.0)
olv4*	1.0	0.0078125	1.0	(1.0)
olv4*	0.0	0.0078125	0.0	(0.0)
olv4*	0.0	0.0078125	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.00390625	1.0	(1.0)
olv3*	0.0	0.00390625	0.0	(0.0)
olv4*	1.0	0.00390625	1.0	(1.0)
olv4*	0.0	0.00390625	0.0	(0.0)
olv4*	0.0	0.00390625	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	



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*	1.0	0.5	1.0	(1.0)
olv3*	0.0	0.5	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
olv4*	0.0	0.5	0.0	(0.0)
olv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.25	1.0	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.25	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
olv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.125	1.0	(1.0)
olv3*	0.0	0.125	0.0	(0.0)
olv4*	1.0	0.125	1.0	(1.0)
olv4*	0.0	0.125	0.0	(0.0)
olv4*	0.0	0.125	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.0625	1.0	(1.0)
olv3*	0.0	0.0625	0.0	(0.0)
olv4*	1.0	0.0625	1.0	(1.0)
olv4*	0.0	0.0625	0.0	(0.0)
olv4*	0.0	0.0625	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.03125	1.0	(1.0)
olv3*	0.0	0.03125	0.0	(0.0)
olv4*	1.0	0.03125	1.0	(1.0)
olv4*	0.0	0.03125	0.0	(0.0)
olv4*	0.0	0.03125	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

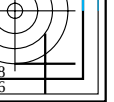
olv3*	1.0	0.015625	1.0	(1.0)
olv3*	0.0	0.015625	0.0	(0.0)
olv4*	1.0	0.015625	1.0	(1.0)
olv4*	0.0	0.015625	0.0	(0.0)
olv4*	0.0	0.015625	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.0078125	1.0	(1.0)
olv3*	0.0	0.0078125	0.0	(0.0)
olv4*	1.0	0.0078125	1.0	(1.0)
olv4*	0.0	0.0078125	0.0	(0.0)
olv4*	0.0	0.0078125	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.00390625	1.0	(1.0)
olv3*	0.0	0.00390625	0.0	(0.0)
olv4*	1.0	0.00390625	1.0	(1.0)
olv4*	0.0	0.00390625	0.0	(0.0)
olv4*	0.0	0.00390625	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

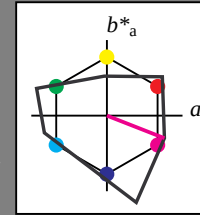
lab^*ch und lab^*nch

A: Buntton M

LCH*Ma: 67 82 339

olv*Ma: 1.0 0.0 1.0

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)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.75	1.0	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.75	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
olv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.5	1.0	(1.0)
olv3*	0.0	0.5	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
olv4*	0.0	0.5	0.0	(0.0)
olv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.25	1.0	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.25	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
olv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

relative Inform. Technology (IT)

olv3*	1.0	0.125	1.0	(1.0)
olv3*	0.0	0.125	0.0	(0.0)
olv4*	1.0	0.125	1.0	(1.0)
olv4*	0.0	0.125	0.0	(0.0)
olv4*	0.0	0.125	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	
LAB*LAB	56.6	71.6	6.0	

PDF B/
ler Mon
/SG50/ Form:

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

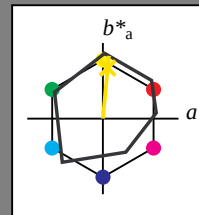
lab^*ch und lab^*nch

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)
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 0.0 -
relative Natural Colour (NC)
lab*tr 1.0 1.0 1.0 -
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*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)
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*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)
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 (0.75)
standard and adapted CIELAB
LAB*Lab 37.48 1.8 7.79
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)
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 0.8 4.9
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 -

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 1.0 0.977 0.75 (1.0)
cmyn3* 0.0 0.023 0.25 (0.0)
olv4* 1.0 0.977 0.75 (1.0)
cmyn4* 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*Lab 97.5 20.86 84.45

relative CIELAB lab*
lab*lab 0.977 0.024 0.249
lab*ch 0.875 0.25 0.235
lab*nch 0.0 0.25 0.235
relative Natural Colour (NC)
lab*tr 0.977 0.0 0.25
lab*ce 0.875 0.25 0.25
lab*nce 0.0 0.25 0.25

relative Inform. Technology (IT)
olv3* 0.75 0.727 0.5 (1.0)
cmyn3* 0.25 0.273 0.5 (0.0)
olv4* 1.0 0.977 0.75 (0.75)
cmyn4* 0.0 0.023 0.25 (0.25)
standard and adapted CIELAB
LAB*Lab 74.46 2.06 24.03
LAB*Lab 74.46 2.02 20.77
LAB*Lab 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.727 0.024 0.249
lab*ch 0.625 0.25 0.235
lab*nch 0.0 0.25 0.235
relative Natural Colour (NC)
lab*tr 0.727 0.0 0.25
lab*ce 0.625 0.25 0.25
lab*nce 0.0 0.25 0.25

relative Inform. Technology (IT)
olv3* 0.5 0.523 0.75 (1.0)
cmyn3* 0.5 0.477 0.75 (0.0)
olv4* 1.0 0.977 0.75 (0.5)
cmyn4* 0.0 0.023 0.25 (0.5)
standard and adapted CIELAB
LAB*Lab 55.09 2.85 22.74
LAB*Lab 55.09 2.02 20.77
LAB*Lab 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.523 0.024 0.249
lab*ch 0.375 0.25 0.235
lab*nch 0.0 0.25 0.235
relative Natural Colour (NC)
lab*tr 0.523 0.0 0.25
lab*ce 0.375 0.25 0.25
lab*nce 0.0 0.25 0.25

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.773 1.0 (0.0)
olv4* 1.0 0.977 0.75 (0.25)
cmyn4* 0.0 0.023 0.25 (0.75)
standard and adapted CIELAB
LAB*Lab 35.71 3.03 21.44
LAB*Lab 35.71 2.02 20.76
LAB*Lab 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.227 0.024 0.249
lab*ch 0.125 0.25 0.235
lab*nch 0.0 0.25 0.235
relative Natural Colour (NC)
lab*tr 0.227 0.0 0.25
lab*ce 0.125 0.25 0.25
lab*nce 0.0 0.25 0.25

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 0.8 4.9
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 -

$n^* = 0.50$

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

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

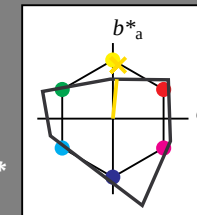
lab^*ch und lab^*nch

A: Buntton J

LCH*Ma: 91 52 84

olv*Ma: 1.0 0.89 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 141$

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*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 1.0 1.0 -
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*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)
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 58.52 0.8 2.08
LAB*Lab 58.52 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)
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 (0.75)
standard and adapted CIELAB
LAB*Lab 37.51 1.8 7.79
LAB*Lab 37.51 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)
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 0.8 4.9
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 -

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 1.0 0.972 0.75 (1.0)
cmyn3* 0.0 0.028 0.25 (0.0)
olv4* 1.0 0.972 0.75 (1.0)
cmyn4* 0.0 0.028 0.25 (0.0)
standard and adapted CIELAB
LAB*Lab 94.42 1.29 13.03
LAB*Lab 94.42 1.29 13.03
LAB*Lab 97.5 13.09 84.33

relative CIELAB lab*
lab*lab 0.972 0.025 0.249
lab*ch 0.875 0.25 0.234
lab*nch 0.0 0.25 0.234
relative Natural Colour (NC)
lab*tr 0.972 0.0 0.25
lab*ce 0.875 0.25 0.25
lab*nce 0.0 0.25 0.25

relative Inform. Technology (IT)
olv3* 0.75 0.722 0.5 (1.0)
cmyn3* 0.25 0.278 0.5 (0.0)
olv4* 1.0 0.972 0.75 (0.75)
cmyn4* 0.0 0.028 0.25 (0.25)
standard and adapted CIELAB
LAB*Lab 70.58 1.3 13.04
LAB*Lab 70.58 1.3 13.04
LAB*Lab 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.722 0.025 0.249
lab*ch 0.625 0.25 0.234
lab*nch 0.0 0.25 0.234
relative Natural Colour (NC)
lab*tr 0.722 0.0 0.25
lab*ce 0.625 0.25 0.25
lab*nce 0.0 0.25 0.25

relative Inform. Technology (IT)
olv3* 0.5 0.522 0.75 (1.0)
cmyn3* 0.5 0.478 0.75 (0.0)
olv4* 1.0 0.972 0.75 (0.5)
cmyn4* 0.0 0.028 0.25 (0.5)
standard and adapted CIELAB
LAB*Lab 58.52 0.8 2.08
LAB*Lab 58.52 0.0 0.0
LAB*Lab 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.522 0.025 0.249
lab*ch 0.375 0.25 0.234
lab*nch 0.0 0.25 0.234
relative Natural Colour (NC)
lab*tr 0.522 0.0 0.25
lab*ce 0.375 0.25 0.25
lab*nce 0.0 0.25 0.25

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 (0.75)
standard and adapted CIELAB
LAB*Lab 37.51 1.8 7.79
LAB*Lab 37.51 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)
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 0.8 4.9
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 -

$n^* = 1.0$

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

%Regularität

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

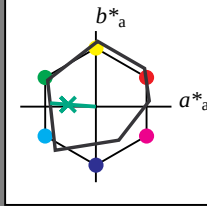
lab^*ch und lab^*nch

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* 0.0 0.0 0.0 (1.0)

olv4* 0.0 0.0 0.0 (1.0)

olv5* 0.0 0.0 0.0 (1.0)

olv6* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 95.6 0.43 4.65

LAB*LAB 95.6 0.0 0.0

LAB*LAB 95.6 0.0 0.0

LAB*LAB 95.6 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 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 76.23 0.0 0.0

LAB*LAB 76.23 0.0 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 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)

olv4* 0.5 1.0 0.5 (1.0)

olv5* 0.5 1.0 0.5 (1.0)

olv6* 0.5 1.0 0.5 (1.0)

standard and adapted CIELAB

LAB*LAB 73.3 -29.59 5.45

LAB*LAB 73.3 -30.23 2.28

LAB*LAB 73.3 -30.23 2.28

LAB*LAB 73.3 -30.23 2.28

relative CIELAB lab*

lab*lab 0.712 -0.497 0.038

lab*lab 0.712 -0.497 0.038

lab*lab 0.712 -0.497 0.038

lab*lab 0.712 -0.497 0.038

relative Natural Colour (NC)

lab*lab 0.712 -0.497 0.038

lab*lab 0.712 -0.497 0.038

lab*lab 0.712 -0.497 0.038

lab*lab 0.712 -0.497 0.038

standard and adapted CIELAB

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

relative CIELAB lab*

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

relative Inform. Technology (IT)

olv3* 0.5 1.0 0.5 (1.0)

olv4* 0.5 1.0 0.5 (1.0)

olv5* 0.5 1.0 0.5 (1.0)

olv6* 0.5 1.0 0.5 (1.0)

standard and adapted CIELAB

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

relative CIELAB lab*

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

relative Natural Colour (NC)

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

standard and adapted CIELAB

LAB*LAB 51.02 -59.62 6.26

LAB*LAB 51.02 -59.62 6.26

LAB*LAB 51.02 -59.62 6.26

LAB*LAB 51.02 -59.62 6.26

relative CIELAB lab*

lab*lab 0.425 -0.999 0.0

lab*lab 0.425 -0.999 0.0

lab*lab 0.425 -0.999 0.0

lab*lab 0.425 -0.999 0.0

relative Inform. Technology (IT)

olv3* 0.5 1.0 0.5 (1.0)

olv4* 0.5 1.0 0.5 (1.0)

olv5* 0.5 1.0 0.5 (1.0)

olv6* 0.5 1.0 0.5 (1.0)

standard and adapted CIELAB

LAB*LAB 51.02 -59.62 6.26

LAB*LAB 51.02 -59.62 6.26

LAB*LAB 51.02 -59.62 6.26

LAB*LAB 51.02 -59.62 6.26

relative CIELAB lab*

lab*lab 0.425 -0.999 0.0

lab*lab 0.425 -0.999 0.0

lab*lab 0.425 -0.999 0.0

lab*lab 0.425 -0.999 0.0

relative Natural Colour (NC)

lab*lab 0.425 -0.999 0.0

lab*lab 0.425 -0.999 0.0

lab*lab 0.425 -0.999 0.0

lab*lab 0.425 -0.999 0.0

standard and adapted CIELAB

LAB*LAB 42.79 -44.42 4.58

LAB*LAB 42.79 -44.42 4.58

LAB*LAB 42.79 -44.42 4.58

LAB*LAB 42.79 -44.42 4.58

relative CIELAB lab*

lab*lab 0.319 -0.747 0.056

lab*lab 0.319 -0.747 0.056

lab*lab 0.319 -0.747 0.056

lab*lab 0.319 -0.747 0.056

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

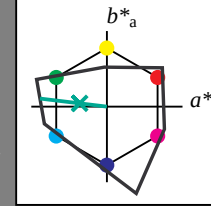
lab^*ch und lab^*nch

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)

olv3* 1.0 1.0 1.0 (1.0)

olv4* 1.0 1.0 1.0 (1.0)

olv5* 1.0 1.0 1.0 (1.0)

olv6* 1.0 1.0 1.0 (1.0)

standard and adapted CIELAB

LAB*LAB 95.41 0.0 0.0

LAB*LAB 95.41 0.0 0.0

LAB*LAB 95.41 0.0 0.0

LAB*LAB 95.41 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 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 71.57 0.0 0.0

LAB*LAB 71.57 0.0 0.0

relative CIELAB lab*

lab*lab 0.712 -0.497 0.038

lab*lab 0.712 -0.497 0.038

lab*lab 0.712 -0.497 0.038

lab*lab 0.712 -0.497 0.038

relative Natural Colour (NC)

lab*lab 0.712 -0.497 0.038

lab*lab 0.712 -0.497 0.038

lab*lab 0.712 -0.497 0.038

lab*lab 0.712 -0.497 0.038

%Regularität

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

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

relative Inform. Technology (IT)

olv3* 0.5 1.0 0.5 (1.0)

olv4* 0.5 1.0 0.5 (1.0)

olv5* 0.5 1.0 0.5 (1.0)

olv6* 0.5 1.0 0.5 (1.0)

standard and adapted CIELAB

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

relative CIELAB lab*

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

relative Natural Colour (NC)

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

lab*lab 0.58 -0.747 0.056

standard and adapted CIELAB

LAB*LAB 51.02 -59.62 6.26

LAB*LAB 51.02 -59.62 6.26

LAB*LAB 51.02 -59.62 6.26

LAB*LAB 51.02 -59.62 6.26

relative CIELAB lab*

lab*lab 0.425 -0.999 0.0

lab*lab 0.425 -0.999 0.0

lab*lab 0.425 -0.999 0.0

lab*lab 0.425 -0.999 0.0

%Regularität

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

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

relative Inform. Technology (IT)

olv3* 0.5 1.0 0.5 (1.0)

olv4* 0.5 1.0 0.5 (1.0)

olv5* 0.5 1.0 0.5 (1.0)

olv6* 0.5 1.0 0.5 (1.0)

standard and adapted CIELAB

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

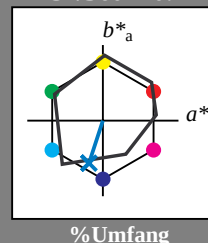
lab^*ch und lab^*nch

A: Buntton B

LCH*Ma: 40 55 252

olv*Ma: 0.0 0.56 1.0

Dreiecks-Helligkeit t^*



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*	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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
olv6*	1.0	1.0	1.0	(1.0)
olv6*	0.0	0.0	0.0	(0.0)
olv7*	1.0	1.0	1.0	(1.0)
olv7*	0.0	0.0	0.0	(0.0)
olv8*	1.0	1.0	1.0	(1.0)
olv8*	0.0	0.0	0.0	(0.0)
olv9*	1.0	1.0	1.0	(1.0)
olv9*	0.0	0.0	0.0	(0.0)
olv10*	1.0	1.0	1.0	(1.0)
olv10*	0.0	0.0	0.0	(0.0)
olv11*	1.0	1.0	1.0	(1.0)
olv11*	0.0	0.0	0.0	(0.0)
olv12*	1.0	1.0	1.0	(1.0)
olv12*	0.0	0.0	0.0	(0.0)
olv13*	1.0	1.0	1.0	(1.0)
olv13*	0.0	0.0	0.0	(0.0)
olv14*	1.0	1.0	1.0	(1.0)
olv14*	0.0	0.0	0.0	(0.0)
olv15*	1.0	1.0	1.0	(1.0)
olv15*	0.0	0.0	0.0	(0.0)
olv16*	1.0	1.0	1.0	(1.0)
olv16*	0.0	0.0	0.0	(0.0)
olv17*	1.0	1.0	1.0	(1.0)
olv17*	0.0	0.0	0.0	(0.0)
olv18*	1.0	1.0	1.0	(1.0)
olv18*	0.0	0.0	0.0	(0.0)
olv19*	1.0	1.0	1.0	(1.0)
olv19*	0.0	0.0	0.0	(0.0)
olv20*	1.0	1.0	1.0	(1.0)
olv20*	0.0	0.0	0.0	(0.0)
olv21*	1.0	1.0	1.0	(1.0)
olv21*	0.0	0.0	0.0	(0.0)
olv22*	1.0	1.0	1.0	(1.0)
olv22*	0.0	0.0	0.0	(0.0)
olv23*	1.0	1.0	1.0	(1.0)
olv23*	0.0	0.0	0.0	(0.0)
olv24*	1.0	1.0	1.0	(1.0)
olv24*	0.0	0.0	0.0	(0.0)
olv25*	1.0	1.0	1.0	(1.0)
olv25*	0.0	0.0	0.0	(0.0)
olv26*	1.0	1.0	1.0	(1.0)
olv26*	0.0	0.0	0.0	(0.0)
olv27*	1.0	1.0	1.0	(1.0)
olv27*	0.0	0.0	0.0	(0.0)
olv28*	1.0	1.0	1.0	(1.0)
olv28*	0.0	0.0	0.0	(0.0)
olv29*	1.0	1.0	1.0	(1.0)
olv29*	0.0	0.0	0.0	(0.0)
olv30*	1.0	1.0	1.0	(1.0)
olv30*	0.0	0.0	0.0	(0.0)
olv31*	1.0	1.0	1.0	(1.0)
olv31*	0.0	0.0	0.0	(0.0)
olv32*	1.0	1.0	1.0	(1.0)
olv32*	0.0	0.0	0.0	(0.0)
olv33*	1.0	1.0	1.0	(1.0)
olv33*	0.0	0.0	0.0	(0.0)
olv34*	1.0	1.0	1.0	(1.0)
olv34*	0.0	0.0	0.0	(0.0)
olv35*	1.0	1.0	1.0	(1.0)
olv35*	0.0	0.0	0.0	(0.0)
olv36*	1.0	1.0	1.0	(1.0)
olv36*	0.0	0.0	0.0	(0.0)
olv37*	1.0	1.0	1.0	(1.0)
olv37*	0.0	0.0	0.0	(0.0)
olv38*	1.0	1.0	1.0	(1.0)
olv38*	0.0	0.0	0.0	(0.0)
olv39*	1.0	1.0	1.0	(1.0)
olv39*	0.0	0.0	0.0	(0.0)
olv40*	1.0	1.0	1.0	(1.0)
olv40*	0.0	0.0	0.0	(0.0)
olv41*	1.0	1.0	1.0	(1.0)
olv41*	0.0	0.0	0.0	(0.0)
olv42*	1.0	1.0	1.0	(1.0)
olv42*	0.0	0.0	0.0	(0.0)
olv43*	1.0	1.0	1.0	(1.0)
olv43*	0.0	0.0	0.0	(0.0)
olv44*	1.0	1.0	1.0	(1.0)
olv44*	0.0	0.0	0.0	(0.0)
olv45*	1.0	1.0	1.0	(1.0)
olv45*	0.0	0.0	0.0	(0.0)
olv46*	1.0	1.0	1.0	(1.0)
olv46*	0.0	0.0	0.0	(0.0)
olv47*	1.0	1.0	1.0	(1.0)
olv47*	0.0	0.0	0.0	(0.0)
olv48*	1.0	1.0	1.0	(1.0)
olv48*	0.0	0.0	0.0	(0.0)
olv49*	1.0	1.0	1.0	(1.0)
olv49*	0.0	0.0	0.0	(0.0)
olv50*	1.0	1.0	1.0	(1.0)
olv50*	0.0	0.0	0.0	(0.0)
olv51*	1.0	1.0	1.0	(1.0)
olv51*	0.0	0.0	0.0	(0.0)
olv52*	1.0	1.0	1.0	(1.0)
olv52*	0.0	0.0	0.0	(0.0)
olv53*	1.0	1.0	1.0	(1.0)
olv53*	0.0	0.0	0.0	(0.0)
olv54*	1.0	1.0	1.0	(1.0)
olv54*	0.0	0.0	0.0	(0.0)
olv55*	1.0	1.0	1.0	(1.0)
olv55*	0.0	0.0	0.0	(0.0)
olv56*	1.0	1.0	1.0	(1.0)
olv56*	0.0	0.0	0.0	(0.0)
olv57*	1.0	1.0	1.0	(1.0)
olv57*	0.0	0.0	0.0	(0.0)
olv58*	1.0	1.0	1.0	(1.0)
olv58*	0.0	0.0	0.0	(0.0)
olv59*	1.0	1.0	1.0	(1.0)
olv59*	0.0	0.0	0.0	(0.0)
olv60*	1.0	1.0	1.0	(1.0)
olv60*	0.0	0.0	0.0	(0.0)
olv61*	1.0	1.0	1.0	(1.0)
olv61*	0.0	0.0	0.0	(0.0)
olv62*	1.0	1.0	1.0	(1.0)
olv62*	0.0	0.0	0.0	(0.0)
olv63*	1.0	1.0	1.0	(1.0)
olv63*	0.0	0.0	0.0	(0.0)
olv64*	1.0	1.0	1.0	(1.0)
olv64*	0.0	0.0	0.0	(0.0)
olv65*	1.0	1.0	1.0	(1.0)
olv65*	0.0	0.0	0.0	(0.0)
olv66*	1.0	1.0	1.0	(1.0)
olv66*	0.0	0.0	0.0	(0.0)
olv67*	1.0	1.0	1.0	(1.0)
olv67*	0.0	0.0	0.0	(0.0)
olv68*	1.0	1.0	1.0	(1.0)
olv68*	0.0	0.0	0.0	(0.0)
olv69*	1.0	1.0	1.0	(1.0)
olv69*	0.0	0.0	0.0	(0.0)
olv70*	1.0	1.0	1.0	(1.0)
olv70*	0.0	0.0	0.0	(0.0)
olv71*	1.0	1.0	1.0	(1.0)
olv71*	0.0	0.0	0.0	(0.0)
olv72*	1.0	1.0	1.0	(1.0)
olv72*	0.0	0.0	0.0	(0.0)
olv73*	1.0	1.0	1.0	(1.0)
olv73*	0.0	0.0	0.0	(0.0)
olv74*	1.0	1.0	1.0	(1.0)
olv74*	0.0	0.0	0.0	(0.0)
olv75*	1.0	1.0	1.0	(1.0)
olv75*	0.0	0.0	0.0	(0.0)
olv76*	1.0	1.0	1.0	(1.0)
olv76*	0.0	0.0	0.0	(0.0)
olv77*	1.0	1.0	1.0	(1.0)
olv77*	0.0	0.0	0.0	(0.0)
olv78*	1.0	1.0	1.0	(1.0)
olv78*	0.0	0.0	0.0	(0.0)
olv79*	1.0	1.0	1.0	(1.0)
olv79*	0.0	0.0	0.0	(0.0)
olv80*	1.0	1.0	1.0	(1.0)
olv80*	0.0	0.0	0.0	(0.0)
olv81*	1.0	1.0	1.0	(1.0)
olv81*	0.0	0.0	0.0	(0.0)
olv82*	1.0	1.0	1.0	(1.0)
olv82*	0.0	0.0	0.0	(0.0)
olv83*	1.0	1.0	1.0	(1.0)
olv83*	0.0	0.0	0.0	(0.0)
olv84*	1.0	1.0	1.0	(1.0)
olv84*	0.0	0.0	0.0	(0.0)
olv85*	1.0	1.0	1.0	(1.0)
olv85*	0.0	0.0	0.0	(0.0)
olv86*	1.0	1.0	1.0	(1.0)
olv86*	0.0	0.0	0.0	(0.0)
olv87*	1.0	1.0	1.0	(1.0)
olv87*	0.0	0.0	0.0	(0.0)
olv88*	1.0	1.0	1.0	(1.0)
olv88*	0.0	0.0	0.0	(0.0)
olv89*	1.0	1.0	1.0	(1.0)
olv89*	0.0	0.0	0.0	(0.0)
olv90*	1.0	1.0	1.0	(1.0)
olv90*	0.0	0.0	0.0	(0.0)
olv91*	1.0	1.0	1.0	(1.0)
olv91*	0.0	0.0	0.0	(0.0)
olv92*	1.0	1.0	1.0	(1.0)
olv92*	0.0	0.0	0.0	(0.0)
olv93*	1.0	1.0	1.0	(1.0)
olv93*	0.0	0.0	0.0	(0.0)
olv94*	1.0	1.0	1.0	(1.0)
olv94*	0.0	0.0	0.0	(0.0)
olv95*	1.0	1.0	1.0	(1.0)
olv95*	0.0	0.0	0.0	(0.0)
olv96*	1.0	1.0	1.0	(1.0)
olv96*	0.0	0.0	0.0	(0.0)
olv97*	1.0	1.0	1.0	(1.0)
olv97*	0.0	0.0	0.0	(0.0)
olv98*	1.0	1.0	1.0	(1.0)
olv98*	0.0	0.0	0.0	(0.0)
olv99*	1.0	1.0	1.0	(1.0)
olv99*	0.0	0.0	0.0	(0.0)
olv100*	1.0	1.0	1.0	(1.0)
olv100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)				
olv3*	0.75	0.891	1.0	(1.0)
cmy3*	0.25	0.109	0.0	(0.0)
olv4*	0.75	0.891	1.0	1.0
cmy4*	0.25	0.109	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	81.72	-3.66	-9.22	
LAB*LABa	81.72	-4.23	-12.95	
LAB*TChe	87.5	13.64	251.9	