

Eingabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 24/360 = 0.067$

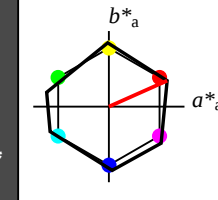
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 53 84 24

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	0.0	-0.01	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

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	
lab*trj	1.0	0.0	0.0	
lab*trc	1.0	0.0	0.0	
lab*trce	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	1.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	1.0	0.0	0.0	
lab*trc	1.0	0.0	0.0	
lab*trce	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	74.31	0.02	0.0	
LAB*LABa	74.31	0.02	0.0	
LAB*TCHa	75.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.875	0.228	0.102	
lab*ch	0.875	0.228	0.102	
lab*nch	0.0	0.25	0.067	
lab*trj	0.875	0.228	0.102	
lab*trc	0.875	0.228	0.102	
lab*trce	0.0	0.25	0.067	

standard and adapted CIELAB

LAB*LAB	84.85	19.28	8.58	
LAB*LABa	84.85	19.28	8.58	
LAB*TCHa	87.5	21.08	24.01	

relative CIELAB lab*

lab*lab	0.75	0.25	0.0	
lab*ch	0.75	0.25	0.0	
lab*nch	0.0	0.5	0.1	
lab*trj	0.75	0.25	0.0	
lab*trc	0.75	0.25	0.0	
lab*trce	0.0	0.5	0.1	

standard and adapted CIELAB

LAB*LAB	74.3	38.55	17.16	
LAB*LABa	74.3	38.55	17.16	
LAB*TCHa	75.0	42.17	24.01	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	74.31	0.02	0.0	
LAB*LABa	74.31	0.02	0.0	
LAB*TCHa	75.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.75	0.25	0.0	
lab*ch	0.75	0.25	0.0	
lab*nch	0.0	0.5	0.1	
lab*trj	0.75	0.25	0.0	
lab*trc	0.75	0.25	0.0	
lab*trce	0.0	0.5	0.1	

standard and adapted CIELAB

LAB*LAB	63.75	19.3	8.59	
LAB*LABa	63.75	19.3	8.59	
LAB*TCHa	62.5	21.09	24.01	

relative CIELAB lab*

lab*lab	0.625	0.375	0.0	
lab*ch	0.625	0.375	0.0	
lab*nch	0.0	0.5	0.067	
lab*trj	0.625	0.375	0.0	
lab*trc	0.625	0.375	0.0	
lab*trce	0.0	0.5	0.067	

standard and adapted CIELAB

LAB*LAB	63.75	57.82	25.74	
LAB*LABa	63.75	57.82	25.74	
LAB*TCHa	62.5	63.26	24.01	

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(0.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	53.21	0.04	0.0	
LAB*LABa	53.21	0.04	0.0	
LAB*TCHa	50.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.5	0.5	0.0	
lab*ch	0.5	0.5	0.0	
lab*nch	0.0	0.5	0.0	
lab*trj	0.5	0.5	0.0	
lab*trc	0.5	0.5	0.0	
lab*trce	0.0	0.5	0.0	

standard and adapted CIELAB

LAB*LAB	42.65	19.32	8.58	
LAB*LABa	42.65	19.32	8.58	
LAB*TCHa	37.5	21.09	24.01	

relative CIELAB lab*

lab*lab	0.375	0.625	0.0	
lab*ch	0.375	0.625	0.0	
lab*nch	0.0	0.5	0.067	
lab*trj	0.375	0.625	0.0	
lab*trc	0.375	0.625	0.0	
lab*trce	0.0	0.5	0.067	

standard and adapted CIELAB

LAB*LAB	42.65	57.84	25.75	
LAB*LABa	42.65	57.84	25.75	
LAB*TCHa	37.51	63.26	24.01	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	32.11	0.01	0.0	
LAB*LABa	32.11	0.01	0.0	
LAB*TCHa	25.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.25	0.75	0.0	
lab*ch	0.25	0.75	0.0	
lab*nch	0.0	0.5	0.0	
lab*trj	0.25	0.75	0.0	
lab*trc	0.25	0.75	0.0	
lab*trce	0.0	0.5	0.0	

standard and adapted CIELAB

LAB*LAB	21.55	19.33	8.6	
LAB*LABa	21.55	19.33	8.6	
LAB*TCHa	12.5	21.08	24.01	

relative CIELAB lab*

lab*lab	0.125	0.875	0.0	
lab*ch	0.125	0.875	0.0	
lab*nch	0.0	0.5	0.067	
lab*trj	0.125	0.875	0.0	
lab*trc	0.125	0.875	0.0	
lab*trce	0.0	0.5	0.067	

standard and adapted CIELAB

LAB*LAB	11.01	19.07	0.01	
LAB*LABa	11.01	19.07	0.01	
LAB*TCHa	0.01	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	11.01	0.07	0.01	
LAB*LABa	11.01	0.07	0.01	
LAB*TCHa	0.01	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	1.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.5	0.0	
lab*trj	0.0	1.0	0.0	
lab*trc	0.0	1.0	0.0	
lab*trce	0.0	0.5	0.0	

standard and adapted CIELAB

LAB*LAB	0.0	0.0	0.0	
LAB*LABa	0.0	0.0	0.0	
LAB*TCHa	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	0.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*trce	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	18.02	0.5	0.46	
LAB*LABa	18.02	0.5	0.46	
LAB*TCHa	0.01	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	11.01	0.07	0.01	
LAB*LABa	11.01	0.07	0.01	
LAB*TCHa	0.01	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
lab*ch	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*trce	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*TCHa	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	0.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*trce	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*TCHa	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	11.01	0.07	0.01	
LAB*LABa	11.01	0.07	0.01	
LAB*TCHa	0.01	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
lab*ch	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*trce	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*TCHa	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	0.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*trce	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*TCHa	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	11.01	0.07	0.01	
LAB*LABa	11.01	0.07	0.01	
LAB*TCHa	0.01	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
lab*ch	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*trce	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*TCHa	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	0.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*trce	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*TCHa	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	11.01	0.07	0.01	
LAB*LABa	11.01	0.07	0.01	
LAB*TCHa	0.01	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
lab*ch	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*trce	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*TCHa	0.0	0.0	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
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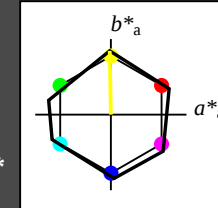
Eingabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 91/360 = 0.253$

lab^*ch und lab^*nch

D65: Buntton J
LCH*Ma: 53 84 91
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 119$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	0.0	-0.01	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	-	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	1.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*trj	1.0	0.0	0.0	
lab*trc	1.0	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	74.31	0.02	0.0	
LAB*LABa	74.31	0.02	0.0	
LAB*TCHa	75.00	0.01	-	

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	53.21	0.04	0.0	
LAB*LABa	53.21	0.04	0.0	
LAB*TCHa	50.00	0.01	-	

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	
lab*ch	0.5	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*trj	0.5	0.0	0.0	
lab*trc	0.5	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	32.11	0.01	0.0	
LAB*LABa	32.11	0.01	0.0	
LAB*TCHa	25.00	0.01	-	

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.25	0.0	0.0	
lab*trc	0.25	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	21.55	0.01	0.0	
LAB*LABa	21.55	0.01	0.0	
LAB*TCHa	12.50	0.01	-	

relative CIELAB lab*

lab*lab	0.125	0.0	0.0	
lab*ch	0.125	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*trj	0.125	0.0	0.0	
lab*trc	0.125	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	11.01	0.01	0.0	
LAB*LABa	11.01	0.01	0.0	
LAB*TCHa	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	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

NRS11; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

1.00

0.75

0.50

0.25

0.00

Schwarzheit n^*

relative Buntheit c^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

relative Buntheit c^*

$n^* = 1.0$

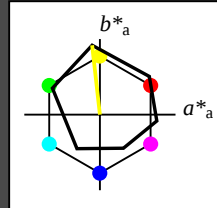
Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 96/360 = 0.268$

lab^*ch und lab^*nch

D65: Buntton Y
LCH*Ma: 90 92 96
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	-0.97	4.75	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	-	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	1.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*trj	1.0	0.0	0.0	
lab*trc	1.0	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	76.06	-0.6	3.44	
LAB*LABa	76.06	0.0	0.0	
LAB*TCHa	75.00	0.01	-	

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	56.71	0.23	2.14	
LAB*LABa	56.71	0.0	0.0	
LAB*TCHa	50.00	0.01	-	

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	
lab*ch	0.5	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*trj	0.5	0.0	0.0	
lab*trc	0.5	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	36.71	0.23	2.14	
LAB*LABa	36.71	0.0	0.0	
LAB*TCHa	25.00	0.01	-	

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.25	0.0	0.0	
lab*trc	0.25	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	18.02	0.5	0.46	
LAB*LABa	18.02	0.0	0.0	
LAB*TCHa	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	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	18.02	0.5	0.46	
LAB*LABa	18.02	0.0	0.0	
LAB*TCHa	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	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CLMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

1.00

0.75

0.50

0.25

0.00

Schwarzheit n^*

relative Buntheit c^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

relative Buntheit c^*

$n^* = 1.0$

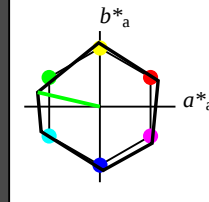
Eingabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 167/360 = 0.464$

lab^*ch und lab^*nch

D65: Buntton G
LCH*Ma: 53 84 167
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 119$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 -0.01
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0
LAB*LABd 95.41 0.0 0.0
LAB*LABe 95.41 0.0 0.0
LAB*LABf 95.41 0.0 0.0
LAB*LABg 95.41 0.0 0.0
LAB*LABh 95.41 0.0 0.0
LAB*LABi 95.41 0.0 0.0
LAB*LABj 95.41 0.0 0.0
LAB*LABk 95.41 0.0 0.0
LAB*LABl 95.41 0.0 0.0
LAB*LABm 95.41 0.0 0.0
LAB*LABn 95.41 0.0 0.0
LAB*LABo 95.41 0.0 0.0
LAB*LABp 95.41 0.0 0.0
LAB*LABq 95.41 0.0 0.0
LAB*LABr 95.41 0.0 0.0
LAB*LABs 95.41 0.0 0.0
LAB*LABt 95.41 0.0 0.0
LAB*LABu 95.41 0.0 0.0
LAB*LABv 95.41 0.0 0.0
LAB*LABw 95.41 0.0 0.0
LAB*LABx 95.41 0.0 0.0
LAB*LABy 95.41 0.0 0.0
LAB*LABz 95.41 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 1.0 0.75 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olvi4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 84.85 -20.53 4.74
LAB*LABa 84.85 -20.53 4.74
LAB*LABb 84.85 -20.53 4.74
LAB*LABc 84.85 -20.53 4.74
LAB*LABd 84.85 -20.53 4.74
LAB*LABe 84.85 -20.53 4.74
LAB*LABf 84.85 -20.53 4.74
LAB*LABg 84.85 -20.53 4.74
LAB*LABh 84.85 -20.53 4.74
LAB*LABi 84.85 -20.53 4.74
LAB*LABj 84.85 -20.53 4.74
LAB*LABk 84.85 -20.53 4.74
LAB*LABl 84.85 -20.53 4.74
LAB*LABm 84.85 -20.53 4.74
LAB*LABn 84.85 -20.53 4.74
LAB*LABo 84.85 -20.53 4.74
LAB*LABp 84.85 -20.53 4.74
LAB*LABq 84.85 -20.53 4.74
LAB*LABr 84.85 -20.53 4.74
LAB*LABs 84.85 -20.53 4.74
LAB*LABt 84.85 -20.53 4.74
LAB*LABu 84.85 -20.53 4.74
LAB*LABv 84.85 -20.53 4.74
LAB*LABw 84.85 -20.53 4.74
LAB*LABx 84.85 -20.53 4.74
LAB*LABy 84.85 -20.53 4.74
LAB*LABz 84.85 -20.53 4.74

relative Inform. Technology (IT)
olvi3* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.01
LAB*LABa 74.31 0.02 0.01
LAB*LABb 74.31 0.02 0.01
LAB*LABc 74.31 0.02 0.01
LAB*LABd 74.31 0.02 0.01
LAB*LABe 74.31 0.02 0.01
LAB*LABf 74.31 0.02 0.01
LAB*LABg 74.31 0.02 0.01
LAB*LABh 74.31 0.02 0.01
LAB*LABi 74.31 0.02 0.01
LAB*LABj 74.31 0.02 0.01
LAB*LABk 74.31 0.02 0.01
LAB*LABl 74.31 0.02 0.01
LAB*LABm 74.31 0.02 0.01
LAB*LABn 74.31 0.02 0.01
LAB*LABo 74.31 0.02 0.01
LAB*LABp 74.31 0.02 0.01
LAB*LABq 74.31 0.02 0.01
LAB*LABr 74.31 0.02 0.01
LAB*LABs 74.31 0.02 0.01
LAB*LABt 74.31 0.02 0.01
LAB*LABu 74.31 0.02 0.01
LAB*LABv 74.31 0.02 0.01
LAB*LABw 74.31 0.02 0.01
LAB*LABx 74.31 0.02 0.01
LAB*LABy 74.31 0.02 0.01
LAB*LABz 74.31 0.02 0.01

relative Inform. Technology (IT)
olvi3* 0.25 1.0 0.25 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olvi4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 63.75 -20.53 4.74
LAB*LABa 63.75 -20.53 4.74
LAB*LABb 63.75 -20.53 4.74
LAB*LABc 63.75 -20.53 4.74
LAB*LABd 63.75 -20.53 4.74
LAB*LABe 63.75 -20.53 4.74
LAB*LABf 63.75 -20.53 4.74
LAB*LABg 63.75 -20.53 4.74
LAB*LABh 63.75 -20.53 4.74
LAB*LABi 63.75 -20.53 4.74
LAB*LABj 63.75 -20.53 4.74
LAB*LABk 63.75 -20.53 4.74
LAB*LABl 63.75 -20.53 4.74
LAB*LABm 63.75 -20.53 4.74
LAB*LABn 63.75 -20.53 4.74
LAB*LABo 63.75 -20.53 4.74
LAB*LABp 63.75 -20.53 4.74
LAB*LABq 63.75 -20.53 4.74
LAB*LABr 63.75 -20.53 4.74
LAB*LABs 63.75 -20.53 4.74
LAB*LABt 63.75 -20.53 4.74
LAB*LABu 63.75 -20.53 4.74
LAB*LABv 63.75 -20.53 4.74
LAB*LABw 63.75 -20.53 4.74
LAB*LABx 63.75 -20.53 4.74
LAB*LABy 63.75 -20.53 4.74
LAB*LABz 63.75 -20.53 4.74

relative Inform. Technology (IT)
olvi3* 0.0 1.0 0.0 (1.0)
cmyn3* 0.0 0.0 1.0 (0.0)
olvi4* 0.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.22 -41.09 9.51
LAB*LABa 53.22 -41.09 9.51
LAB*LABb 53.22 -41.09 9.51
LAB*LABc 53.22 -41.09 9.51
LAB*LABd 53.22 -41.09 9.51
LAB*LABe 53.22 -41.09 9.51
LAB*LABf 53.22 -41.09 9.51
LAB*LABg 53.22 -41.09 9.51
LAB*LABh 53.22 -41.09 9.51
LAB*LABi 53.22 -41.09 9.51
LAB*LABj 53.22 -41.09 9.51
LAB*LABk 53.22 -41.09 9.51
LAB*LABl 53.22 -41.09 9.51
LAB*LABm 53.22 -41.09 9.51
LAB*LABn 53.22 -41.09 9.51
LAB*LABo 53.22 -41.09 9.51
LAB*LABp 53.22 -41.09 9.51
LAB*LABq 53.22 -41.09 9.51
LAB*LABr 53.22 -41.09 9.51
LAB*LABs 53.22 -41.09 9.51
LAB*LABt 53.22 -41.09 9.51
LAB*LABu 53.22 -41.09 9.51
LAB*LABv 53.22 -41.09 9.51
LAB*LABw 53.22 -41.09 9.51
LAB*LABx 53.22 -41.09 9.51
LAB*LABy 53.22 -41.09 9.51
LAB*LABz 53.22 -41.09 9.51

relative Inform. Technology (IT)
olvi3* 0.0 0.75 0.0 (1.0)
cmyn3* 0.0 0.25 0.0 (0.0)
olvi4* 0.0 0.75 0.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.22 -41.09 9.51
LAB*LABa 53.22 -41.09 9.51
LAB*LABb 53.22 -41.09 9.51
LAB*LABc 53.22 -41.09 9.51
LAB*LABd 53.22 -41.09 9.51
LAB*LABe 53.22 -41.09 9.51
LAB*LABf 53.22 -41.09 9.51
LAB*LABg 53.22 -41.09 9.51
LAB*LABh 53.22 -41.09 9.51
LAB*LABi 53.22 -41.09 9.51
LAB*LABj 53.22 -41.09 9.51
LAB*LABk 53.22 -41.09 9.51
LAB*LABl 53.22 -41.09 9.51
LAB*LABm 53.22 -41.09 9.51
LAB*LABn 53.22 -41.09 9.51
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LAB*LABp 53.22 -41.09 9.51
LAB*LABq 53.22 -41.09 9.51
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LAB*LABu 53.22 -41.09 9.51
LAB*LABv 53.22 -41.09 9.51
LAB*LABw 53.22 -41.09 9.51
LAB*LABx 53.22 -41.09 9.51
LAB*LABy 53.22 -41.09 9.51
LAB*LABz 53.22 -41.09 9.51

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.0 (1.0)
cmyn3* 0.0 0.5 0.0 (0.0)
olvi4* 0.0 0.5 0.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.22 -41.09 9.51
LAB*LABa 53.22 -41.09 9.51
LAB*LABb 53.22 -41.09 9.51
LAB*LABc 53.22 -41.09 9.51
LAB*LABd 53.22 -41.09 9.51
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LAB*LABu 53.22 -41.09 9.51
LAB*LABv 53.22 -41.09 9.51
LAB*LABw 53.22 -41.09 9.51
LAB*LABx 53.22 -41.09 9.51
LAB*LABy 53.22 -41.09 9.51
LAB*LABz 53.22 -41.09 9.51

relative Inform. Technology (IT)
olvi3* 0.0 0.25 0.0 (1.0)
cmyn3* 0.0 0.25 0.0 (0.0)
olvi4* 0.0 0.25 0.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.22 -41.09 9.51
LAB*LABa 53.22 -41.09 9.51
LAB*LABb 53.22 -41.09 9.51
LAB*LABc 53.22 -41.09 9.51
LAB*LABd 53.22 -41.09 9.51
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LAB*LABk 53.22 -41.09 9.51
LAB*LABl 53.22 -41.09 9.51
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LAB*LABr 53.22 -41.09 9.51
LAB*LABs 53.22 -41.09 9.51
LAB*LABt 53.22 -41.09 9.51
LAB*LABu 53.22 -41.09 9.51
LAB*LABv 53.22 -41.09 9.51
LAB*LABw 53.22 -41.09 9.51
LAB*LABx 53.22 -41.09 9.51
LAB*LABy 53.22 -41.09 9.51
LAB*LABz 53.22 -41.09 9.51

relative Inform. Technology (IT)
olvi3* 0.0 0.0 1.0 (0.0)
cmyn3* 0.0 0.0 1.0 (0.0)
olvi4* 0.0 0.0 1.0 (0.0)
cmyn4* 0.0 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.22 -41.09 9.51
LAB*LABa 53.22 -41.09 9.51
LAB*LABb 53.22 -41.09 9.51
LAB*LABc 53.22 -41.09 9.51
LAB*LABd 53.22 -41.09 9.51
LAB*LABe 53.22 -41.09 9.51
LAB*LABf 53.22 -41.09 9.51
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LAB*LABj 53.22 -41.09 9.51
LAB*LABk 53.22 -41.09 9.51
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LAB*LABn 53.22 -41.09 9.51
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LAB*LABu 53.22 -41.09 9.51
LAB*LABv 53.22 -41.09 9.51
LAB*LABw 53.22 -41.09 9.51
LAB*LABx 53.22 -41.09 9.51
LAB*LABy 53.22 -41.09 9.51
LAB*LABz 53.22 -41.09 9.51

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.5 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olvi4* 0.0 0.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 53.22 -41.09 9.51
LAB*LABa 53.22 -41.09 9.51
LAB*LABb 53.22 -41.09 9.51
LAB*LABc 53.22 -41.09 9.51
LAB*LABd 53.22 -41.09 9.51
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LAB*LABo 53.22 -41.09 9.51
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LAB*LABt 53.22 -41.09 9.51
LAB*LABu 53.22 -41.09 9.51
LAB*LABv 53.22 -41.09 9.51
LAB*LABw 53.22 -41.09 9.51
LAB*LABx 53.22 -41.09 9.51
LAB*LABy 53.22 -41.09 9.51
LAB*LABz 53.22 -41.09 9.51

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.22 -41.09 9.51
LAB*LABa 53.22 -41.09 9.51
LAB*LABb 53.22 -41.09 9.51
LAB*LABc 53.22 -41.09 9.51
LAB*LABd 53.22 -41.09 9.51
LAB*LABe 53.22 -41.09 9.51
LAB*LABf 53.22 -41.09 9.51
LAB*LABg 53.22 -41.09 9.51
LAB*LABh 53.22 -41.09 9.51
LAB*LABi 53.22 -41.09 9.51
LAB*LABj 53.22 -41.09 9.51
LAB*LABk 53.22 -41.09 9.51
LAB*LABl 53.22 -41.09 9.51
LAB*LABm 53.22 -41.09 9.51
LAB*LABn 53.22 -41.09 9.51
LAB*LABo 53.22 -41.09 9.51
LAB*LABp 53.22 -41.09 9.51
LAB*LABq 53.22 -41.09 9.51
LAB*LABr 53.22 -41.09 9.51
LAB*LABs 53.22 -41.09 9.51
LAB*LABt 53.22 -41.09 9.51
LAB*LABu 53.22 -41.09 9.51
LAB*LABv 53.22 -41.09 9.51
LAB*LABw 53.22 -41.09 9.51
LAB*LABx 53.22 -41.09 9.51
LAB*LABy 53.22 -41.09 9.51
LAB*LABz 53.22 -41.09 9.51

TG570-7, 5 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.464 (links)

5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (rechts)

BAM-Prüfvorlage TG57; Farbmetrik-Systeme NRS11 & ORS18 input: $olv^* setrgbcolor$

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttoninput: $olv^* setrgbcolor / w^* setgray$

	-8
	-6

Belgray

Belgray

Eingabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 325/360 = 0.903$

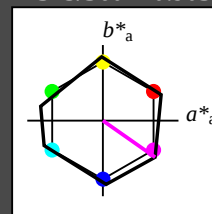
lab^*tch und lab^*nch

D65: Buntton B50R

LCH*Ma: 53 84 325

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



NRS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 354/360 = 0.982$

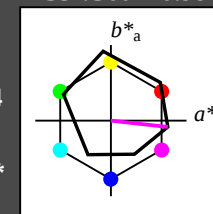
lab^*tch und lab^*nch

D65: Buntton M

LCH*Ma: 48 76 354

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

relative Inform. Technology (IT)	
olvi3*	1.0 1.0 1.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	95.41 0.0 -0.01
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	0.0 0.0 0.0
lab*nch	0.0 0.0 0.0
relative Natural Colour (NC)	
lab*trj	1.0 0.0 0.0
lab*tce	1.0 0.0 0.0
lab*nce	0.0 0.0 0.0

relative Inform. Technology (IT)	
olvi3*	1.0 0.75 1.0 (1.0)
cmyn3*	0.0 0.25 0.0 (0.0)
olvi4*	1.0 0.75 1.0 (1.0)
cmyn4*	0.0 0.25 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	84.85 17.28 -12.09
LAB*LABa	84.85 17.27 -12.09
LAB*LABb	97.5 21.08 324.98

relative CIELAB lab*	
lab*lab	0.875 0.205 -0.142
lab*tch	0.875 0.25 0.903
lab*nch	0.0 0.25 0.903
relative Natural Colour (NC)	
lab*trj	0.875 0.198 -0.184
lab*tce	0.875 0.25 0.967
lab*nce	0.0 0.25 0.967

relative Inform. Technology (IT)	
olvi3*	1.0 0.5 1.0 (1.0)
cmyn3*	0.0 0.5 0.0 (0.0)
olvi4*	1.0 0.5 1.0 (1.0)
cmyn4*	0.0 0.5 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	74.3 34.57 -24.19
LAB*LABa	74.3 34.54 -24.2
LAB*LABb	75.0 42.18 324.98

relative CIELAB lab*	
lab*lab	0.75 0.409 -0.286
lab*tch	0.75 0.5 0.903
lab*nch	0.0 0.5 0.903
relative Natural Colour (NC)	
lab*trj	0.75 0.336 -0.37
lab*tce	0.75 0.5 0.967
lab*nce	0.0 0.5 0.967

relative Inform. Technology (IT)	
olvi3*	1.0 0.25 1.0 (1.0)
cmyn3*	0.0 0.25 0.0 (0.0)
olvi4*	1.0 0.25 1.0 (1.0)
cmyn4*	0.0 0.25 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	63.75 51.85 -36.29
LAB*LABa	63.75 51.81 -36.3
LAB*LABb	62.5 63.27 324.98

relative CIELAB lab*	
lab*lab	0.625 0.614 -0.429
lab*tch	0.625 0.75 0.903
lab*nch	0.0 0.75 0.903
relative Natural Colour (NC)	
lab*trj	0.625 0.503 -0.555
lab*tce	0.625 0.75 0.967
lab*nce	0.0 0.75 0.967

relative Inform. Technology (IT)	
olvi3*	1.0 0.1 1.0 (1.0)
cmyn3*	0.0 0.1 0.0 (0.0)
olvi4*	1.0 0.1 1.0 (1.0)
cmyn4*	0.0 0.1 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	53.2 69.12 -48.39
LAB*LABa	53.2 69.08 -48.4
LAB*LABb	50.0 84.35 324.98

relative CIELAB lab*	
lab*lab	0.5 0.819 -0.573
lab*tch	0.5 1.0 0.903
lab*nch	0.0 1.0 0.903
relative Natural Colour (NC)	
lab*trj	0.5 0.671 -0.74
lab*tce	0.5 1.0 0.967
lab*nce	0.0 1.0 0.967

relative Inform. Technology (IT)	
olvi3*	0.5 0.5 0.5 (1.0)
cmyn3*	0.0 0.5 0.0 (0.0)
olvi4*	1.0 0.5 1.0 (1.0)
cmyn4*	0.0 0.5 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 0.23 2.14
LAB*LABa	56.71 0.21 2.14
LAB*LABb	50.0 0.0 0.0

relative CIELAB lab*	
lab*lab	0.5 0.5 0.0
lab*tch	0.5 0.5 0.0
lab*nch	0.0 0.5 0.0
relative Natural Colour (NC)	
lab*trj	0.5 0.5 0.0
lab*tce	0.5 0.5 0.0
lab*nce	0.0 0.5 0.0

relative Inform. Technology (IT)	
olvi3*	0.75 0.25 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olvi4*	1.0 0.75 1.0 (1.0)
cmyn4*	0.0 0.25 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	64.24 18.43 0.56
LAB*LABa	64.24 18.82 2.08
LAB*LABb	62.5 18.93 353.66

relative CIELAB lab*	
lab*lab	0.847 0.248 -0.027
lab*tch	0.875 0.25 0.982
lab*nch	0.0 0.25 0.982
relative Natural Colour (NC)	
lab*trj	0.847 0.227 -0.103
lab*tce	0.875 0.25 0.932
lab*nce	0.0 0.25 0.932

relative Inform. Technology (IT)	
olvi3*	0.75 0.5 0.75 (1.0)
cmyn3*	0.25 0.5 0.25 (0.0)
olvi4*	1.0 0.75 1.0 (1.0)
cmyn4*	0.0 0.5 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.77 37.1 -1.01
LAB*LABa	71.77 37.63 4.17
LAB*LABb	75.0 37.86 353.66

relative CIELAB lab*	
lab*lab	0.695 0.497 -0.054
lab*tch	0.75 0.5 0.982
lab*nch	0.0 0.5 0.982
relative Natural Colour (NC)	
lab*trj	0.695 0.454 -0.208
lab*tce	0.75 0.5 0.932
lab*nce	0.0 0.5 0.932

relative Inform. Technology (IT)	
olvi3*	1.0 0.25 1.0 (1.0)
cmyn3*	0.0 0.25 0.0 (0.0)
olvi4*	1.0 0.25 1.0 (1.0)
cmyn4*	0.0 0.25 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	59.95 56.14 -3.9
LAB*LABa	59.95 56.44 -6.26
LAB*LABb	62.5 56.79 353.66

relative CIELAB lab*	
lab*lab	0.542 0.745 -0.082
lab*tch	0.625 0.75 0.982
lab*nch	0.0 0.75 0.982
relative Natural Colour (NC)	
lab*trj	0.542 0.682 -0.312
lab*tce	0.625 0.75 0.932
lab*nce	0.0 0.75 0.932

relative Inform. Technology (IT)	
olvi3*	1.0 0.0 1.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	1.0 0.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	48.14 75.18 -6.78
LAB*LABa	48.14 75.25 -6.35
LAB*LABb	50.0 75.71 353.66

relative CIELAB lab*	
lab*lab	0.389 0.994 -0.109
lab*tch	0.5 1.0 0.982
lab*nch	0.0 1.0 0.982
relative Natural Colour (NC)	
lab*trj	0.389 0.909 -0.416
lab*tce	0.5 1.0 0.932
lab*nce	0.0 1.0 0.932

relative Inform. Technology (IT)	
olvi3*	0.5 0.5 0.5 (1.0)
cmyn3*	0.0 0.5 0.0 (0.0)
olvi4*	1.0 0.5 1.0 (1.0)
cmyn4*	0.0 0.5 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	40.0 0.0 0.0
LAB*LABa	40.0 0.0 0.0
LAB*LABb	50.0 0.0 0.0

relative CIELAB lab*	
lab*lab	0.347 0.248 -0.027
lab*tch	0.375 0.25 0.982
lab*nch	0.0 0.25 0.982
relative Natural Colour (NC)	
lab*trj	0.347 0.227 -0.103
lab*tce	0.375 0.25 0.932
lab*nce	0.0 0.25 0.932

relative Inform. Technology (IT)	
olvi3*	0.25 0.25 0.25 (1.0)
cmyn3*	0.0 0.25 0.0 (0.0)
olvi4*	1.0 0.25 1.0 (1.0)
cmyn4*	0.0 0.25 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	37.86 37.63 -1.17
LAB*LABa	37.86 37.63 -1.17
LAB*LABb	50.0 37.86 353.66

relative CIELAB lab*	
lab*lab	0.347 0.248 -0.027
lab*tch	0.375 0.25 0.982
lab*nch	0.0 0.25 0.982
relative Natural Colour (NC)	
lab*trj	0.347 0.227 -0.103
lab*tce	0.375 0.25 0.932
lab*nce	0.0 0.25 0.932

relative Inform. Technology (IT)	
olvi3*	0.25 0.5 0.25 (1.0)
cmyn3*	0.0 0.5 0.0 (0.0)
olvi4*	1.0 0.5 1.0 (1.0)
cmyn4*	0.0 0.5 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	44.89 18.8 -0.73
LAB*LABa	44.89 18.82 2.08
LAB*LABb	37.5 18.93 353.66

relative CIELAB lab*	
lab*lab	0.445 0.454 -0.208
lab*tch	0.445 0.5 0.982
lab*nch	0.0 0.5 0.982
relative Natural Colour (NC)	
lab*trj	0.445 0.454 -0.208
lab*tce	0.445 0.5 0.932
lab*nce	0.0 0.5 0.932

relative Inform. Technology (IT)	
olvi3*	0.5 0.0 0.5 (1.0)
cmyn3*	0.0 0.0 0.5 (0.0)
olvi4*	1.0 0.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	33.08 37.63 -1.17
LAB*LABa	33.08 37.63 -1.17
LAB*LABb	50.0 37.86 353.66

relative CIELAB lab*	
lab*lab	0.292 0.745 -0.082
lab*tch	0.375 0.75 0.982
lab*nch	0.0 0.75 0.982
relative Natural Colour (NC)	
lab*trj	0.292 0.682 -0.312
lab*tce	0.375 0.75 0.932
lab*nce	0.0 0.75 0.932

relative Inform. Technology (IT)	
olvi3*	0.25 0.0 0.25 (1.0)
cmyn3*	0.0 0.0 0.25 (0.0)
olvi4*	1.0 0.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	25.54 18.02 -0.01
LAB*LABa	25.54 18.02 -0.01
LAB*LABb	50.0 18.02 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*trj	0.0 0.0 0.0
lab*tce	0.0 0.0 0.0
lab*nce	0.0 0.0 0.0

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	1.0 0.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	18.02 0.0 0.0
LAB*LABa	18.02 0.0 0.0
LAB*LABb	50.0 0.0 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*trj	0.0 0.0 0.0
lab*tce	0.0 0.0 0.0
lab*nce	0.0 0.0 0.0

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	1.0 0.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	18.02 0.0 0.0
LAB*LABa	18.02 0.0 0.0
LAB*LABb	50.0 0.0 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*trj	0.0 0.0 0.0
lab*tce	0.0 0.0 0.0
lab*nce	0.0 0.0 0.0

Eingabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab \cdot h = 25/360 = 0.071$

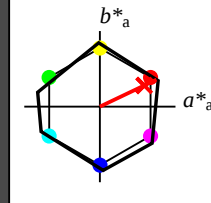
$lab \cdot tch$ und $lab \cdot nch$

D65: Buntton R

LCH*Ma: 53 83 25

rgb*Ma: 1.0 0.03 0.0

Dreiecks-Helligkeit t^*



NRS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
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)
olvi10*	0.0	0.0	0.0	(0.0)
olvi11*	0.0	0.0	0.0	(0.0)
olvi12*	0.0	0.0	0.0	(0.0)
olvi13*	0.0	0.0	0.0	(0.0)
olvi14*	0.0	0.0	0.0	(0.0)
olvi15*	0.0	0.0	0.0	(0.0)
olvi16*	0.0	0.0	0.0	(0.0)
olvi17*	0.0	0.0	0.0	(0.0)
olvi18*	0.0	0.0	0.0	(0.0)
olvi19*	0.0	0.0	0.0	(0.0)
olvi20*	0.0	0.0	0.0	(0.0)
olvi21*	0.0	0.0	0.0	(0.0)
olvi22*	0.0	0.0	0.0	(0.0)
olvi23*	0.0	0.0	0.0	(0.0)
olvi24*	0.0	0.0	0.0	(0.0)
olvi25*	0.0	0.0	0.0	(0.0)
olvi26*	0.0	0.0	0.0	(0.0)
olvi27*	0.0	0.0	0.0	(0.0)
olvi28*	0.0	0.0	0.0	(0.0)
olvi29*	0.0	0.0	0.0	(0.0)
olvi30*	0.0	0.0	0.0	(0.0)
olvi31*	0.0	0.0	0.0	(0.0)
olvi32*	0.0	0.0	0.0	(0.0)
olvi33*	0.0	0.0	0.0	(0.0)
olvi34*	0.0	0.0	0.0	(0.0)
olvi35*	0.0	0.0	0.0	(0.0)
olvi36*	0.0	0.0	0.0	(0.0)
olvi37*	0.0	0.0	0.0	(0.0)
olvi38*	0.0	0.0	0.0	(0.0)
olvi39*	0.0	0.0	0.0	(0.0)
olvi40*	0.0	0.0	0.0	(0.0)
olvi41*	0.0	0.0	0.0	(0.0)
olvi42*	0.0	0.0	0.0	(0.0)
olvi43*	0.0	0.0	0.0	(0.0)
olvi44*	0.0	0.0	0.0	(0.0)
olvi45*	0.0	0.0	0.0	(0.0)
olvi46*	0.0	0.0	0.0	(0.0)
olvi47*	0.0	0.0	0.0	(0.0)
olvi48*	0.0	0.0	0.0	(0.0)
olvi49*	0.0	0.0	0.0	(0.0)
olvi50*	0.0	0.0	0.0	(0.0)
olvi51*	0.0	0.0	0.0	(0.0)
olvi52*	0.0	0.0	0.0	(0.0)
olvi53*	0.0	0.0	0.0	(0.0)
olvi54*	0.0	0.0	0.0	(0.0)
olvi55*	0.0	0.0	0.0	(0.0)
olvi56*	0.0	0.0	0.0	(0.0)
olvi57*	0.0	0.0	0.0	(0.0)
olvi58*	0.0	0.0	0.0	(0.0)
olvi59*	0.0	0.0	0.0	(0.0)
olvi60*	0.0	0.0	0.0	(0.0)
olvi61*	0.0	0.0	0.0	(0.0)
olvi62*	0.0	0.0	0.0	(0.0)
olvi63*	0.0	0.0	0.0	(0.0)
olvi64*	0.0	0.0	0.0	(0.0)
olvi65*	0.0	0.0	0.0	(0.0)
olvi66*	0.0	0.0	0.0	(0.0)
olvi67*	0.0	0.0	0.0	(0.0)
olvi68*	0.0	0.0	0.0	(0.0)
olvi69*	0.0	0.0	0.0	(0.0)
olvi70*	0.0	0.0	0.0	(0.0)
olvi71*	0.0	0.0	0.0	(0.0)
olvi72*	0.0	0.0	0.0	(0.0)
olvi73*	0.0	0.0	0.0	(0.0)
olvi74*	0.0	0.0	0.0	(0.0)
olvi75*	0.0	0.0	0.0	(0.0)
olvi76*	0.0	0.0	0.0	(0.0)
olvi77*	0.0	0.0	0.0	(0.0)
olvi78*	0.0	0.0	0.0	(0.0)
olvi79*	0.0	0.0	0.0	(0.0)
olvi80*	0.0	0.0	0.0	(0.0)
olvi81*	0.0	0.0	0.0	(0.0)
olvi82*	0.0	0.0	0.0	(0.0)
olvi83*	0.0	0.0	0.0	(0.0)
olvi84*	0.0	0.0	0.0	(0.0)
olvi85*	0.0	0.0	0.0	(0.0)
olvi86*	0.0	0.0	0.0	(0.0)
olvi87*	0.0	0.0	0.0	(0.0)
olvi88*	0.0	0.0	0.0	(0.0)
olvi89*	0.0	0.0	0.0	(0.0)
olvi90*	0.0	0.0	0.0	(0.0)
olvi91*	0.0	0.0	0.0	(0.0)
olvi92*	0.0	0.0	0.0	(0.0)
olvi93*	0.0	0.0	0.0	(0.0)
olvi94*	0.0	0.0	0.0	(0.0)
olvi95*	0.0	0.0	0.0	(0.0)
olvi96*	0.0	0.0	0.0	(0.0)
olvi97*	0.0	0.0	0.0	(0.0)
olvi98*	0.0	0.0	0.0	(0.0)
olvi99*	0.0	0.0	0.0	(0.0)
olvi100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
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)
olvi10*	0.0	0.0	0.0	(0.0)
olvi11*	0.0	0.0	0.0	(0.0)
olvi12*	0.0	0.0	0.0	(0.0)
olvi13*	0.0	0.0	0.0	(0.0)
olvi14*	0.0	0.0	0.0	(0.0)
olvi15*	0.0	0.0	0.0	(0.0)
olvi16*	0.0	0.0	0.0	(0.0)
olvi17*	0.0	0.0	0.0	(0.0)
olvi18*	0.0	0.0	0.0	(0.0)
olvi19*	0.0	0.0	0.0	(0.0)
olvi20*	0.0	0.0	0.0	(0.0)
olvi21*	0.0	0.0	0.0	(0.0)
olvi22*	0.0	0.0	0.0	(0.0)
olvi23*	0.0	0.0	0.0	(0.0)
olvi24*	0.0	0.0	0.0	(0.0)
olvi25*	0.0	0.0	0.0	(0.0)
olvi26*	0.0	0.0	0.0	(0.0)
olvi27*	0.0	0.0	0.0	(0.0)
olvi28*	0.0	0.0	0.0	(0.0)
olvi29*	0.0	0.0	0.0	(0.0)
olvi30*	0.0	0.0	0.0	(0.0)
olvi31*	0.0	0.0	0.0	(0.0)
olvi32*	0.0	0.0	0.0	(0.0)
olvi33*	0.0	0.0	0.0	(0.0)
olvi34*	0.0	0.0	0.0	(0.0)
olvi35*	0.0	0.0	0.0	(0.0)
olvi36*	0.0	0.0	0.0	(0.0)
olvi37*	0.0	0.0	0.0	(0.0)
olvi38*	0.0	0.0	0.0	(0.0)
olvi39*	0.0	0.0	0.0	(0.0)
olvi40*	0.0	0.0	0.0	(0.0)
olvi41*	0.0	0.0	0.0	(0.0)
olvi42*	0.0	0.0	0.0	(0.0)
olvi43*	0.0	0.0	0.0	(0.0)
olvi44*	0.0	0.0	0.0	(0.0)
olvi45*	0.0	0.0	0.0	(0.0)
olvi46*	0.0	0.0	0.0	(0.0)
olvi47*	0.0	0.0	0.0	(0.0)
olvi48*	0.0	0.0	0.0	(0.0)
olvi49*	0.0	0.0	0.0	(0.0)
olvi50*	0.0	0.0	0.0	(0.0)
olvi51*	0.0	0.0	0.0	(0.0)
olvi52*	0.0	0.0	0.0	(0.0)
olvi53*	0.0	0.0	0.0	(0.0)
olvi54*	0.0	0.0	0.0	(0.0)
olvi55*	0.0	0.0	0.0	(0.0)
olvi56*	0.0	0.0	0.0	(0.0)
olvi57*	0.0	0.0	0.0	(0.0)
olvi58*	0.0	0.0	0.0	(0.0)
olvi59*	0.0	0.0	0.0	(0.0)
olvi60*	0.0	0.0	0.0	(0.0)
olvi61*	0.0	0.0	0.0	(0.0)
olvi62*	0.0	0.0	0.0	(0.0)
olvi63*	0.0	0.0	0.0	(0.0)
olvi64*	0.0	0.0	0.0	(0.0)
olvi65*	0.0	0.0	0.0	(0.0)
olvi66*	0.0	0.0	0.0	(0.0)
olvi67*	0.0	0.0	0.0	(0.0)
olvi68*	0.0	0.0	0.0	(0.0)
olvi69*	0.0	0.0	0.0	(0.0)
olvi70*	0.0	0.0	0.0	(0.0)
olvi71*	0.0	0.0	0.0	(0.0)
olvi72*	0.0	0.0	0.0	(0.0)
olvi73*	0.0	0.0	0.0	(0.0)
olvi74*	0.0	0.0	0.0	(0.0)
olvi75*	0.0	0.0	0.0	(0.0)
olvi76*	0.0	0.0	0.0	(0.0)
olvi77*	0.0	0.0	0.0	(0.0)
olvi78*	0.0	0.0	0.0	(0.0)
olvi79*	0.0	0.0	0.0	(0.0)
olvi80*	0.0	0.0	0.0	(0.0)
olvi81*	0.0	0.0	0.0	(0.0)
olvi82*	0.0	0.0	0.0	(0.0)
olvi83*	0.0	0.0	0.0	(0.0)
olvi84*	0.0	0.0	0.0	(0.0)
olvi85*	0.0	0.0	0.0	(0.0)
olvi86*	0.0	0.0	0.0	(0.0)
olvi87*	0.0	0.0	0.0	(0.0)
olvi88*	0.0	0.0	0.0	(0.0)
olvi89*	0.0	0.0	0.0	(0.0)
olvi90*	0.0	0.0	0.0	(0.0)
olvi91*	0.0	0.0	0.0	(0.0)
olvi92*	0.0	0.0	0.0	(0.0)
olvi93*	0.0	0.0	0.0	(0.0)
olvi94*	0.0	0.0	0.0	(0.0)
olvi95*	0.0	0.0	0.0	(0.0)
olvi96*	0.0	0.0	0.0	(0.0)
olvi97*	0.0	0.0	0.0	(0.0)
olvi98*	0.0	0.0	0.0	(0.0)
olvi99*	0.0	0.0	0.0	(0.0)
olvi100*	0.0	0.0	0.0	(0.0)

LAB*TCHa	87.5	20.73	25.49
relative CIELAB lab*			
lab*lab	0.875	0.226	0.108
lab*tch	0.875	0.25	0.071
lab*nch	0.0	0.25	0.071
relative Natural Colour (NC)			
lab*lrj	0.875	0.25	0.0
lab*tce	0.875	0.25	0.0
lab*nCe	0.0	0.25	r00j

Eingabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 92/360 = 0.256$

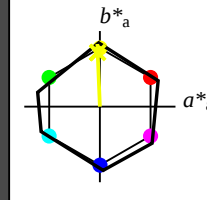
lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 53 83 92

rgb*Ma: 0.98 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 119$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 -0.01
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 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*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*LABa 74.31 0.02 0.0
LAB*LABb 74.31 0.02 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*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.21 0.04 0.0
LAB*LABa 53.21 0.04 0.0
LAB*LABb 53.21 0.04 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*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 32.11 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*LABb 32.11 0.07 0.01

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*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*LABb 11.01 0.07 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olvi3* 0.994 1.0 0.75 (1.0)
cmyn3* 0.006 0.0 0.25 (0.0)
olvi4* 0.994 1.0 0.75 (1.0)
cmyn4* 0.006 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 84.85 -0.81 20.72
LAB*LABa 84.85 -0.81 20.72
LAB*LABb 84.85 -0.81 20.72

relative CIELAB lab*
lab*lab 0.875 -0.009 0.25
lab*tch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.875 0.0 0.25
lab*tce 0.875 0.25 0.256
lab*nce 0.0 0.25 0.256

relative Inform. Technology (IT)
olvi3* 0.744 0.75 0.5 (1.0)
cmyn3* 0.256 0.25 0.256
olvi4* 0.994 1.0 0.75 (1.0)
cmyn4* 0.006 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 63.75 -0.8 20.73
LAB*LABa 63.75 -0.8 20.73
LAB*LABb 63.75 -0.8 20.73

relative CIELAB lab*
lab*lab 0.625 -0.009 0.25
lab*tch 0.625 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.625 0.0 0.25
lab*tce 0.625 0.25 0.256
lab*nce 0.0 0.25 0.256

relative Inform. Technology (IT)
olvi3* 0.489 0.5 0.0 (1.0)
cmyn3* 0.506 0.5 0.75 (0.0)
olvi4* 0.994 1.0 0.75 (1.0)
cmyn4* 0.006 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 42.65 -0.78 20.73
LAB*LABa 42.65 -0.78 20.73
LAB*LABb 42.65 -0.78 20.73

relative CIELAB lab*
lab*lab 0.375 -0.029 0.25
lab*tch 0.375 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.375 0.0 0.25
lab*tce 0.375 0.25 0.256
lab*nce 0.0 0.25 0.256

relative Inform. Technology (IT)
olvi3* 0.244 0.25 0.0 (1.0)
cmyn3* 0.756 0.75 1.0 (0.0)
olvi4* 0.994 1.0 0.75 (1.0)
cmyn4* 0.006 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 21.55 -0.76 20.73
LAB*LABa 21.55 -0.76 20.73
LAB*LABb 21.55 -0.76 20.73

relative CIELAB lab*
lab*lab 0.125 -0.009 0.25
lab*tch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.125 0.0 0.25
lab*tce 0.125 0.25 0.256
lab*nce 0.0 0.25 0.256

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 0.01
LAB*LABa 0.01 0.01 0.01
LAB*LABb 0.01 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 0.50$

NRS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)
olvi3* 0.983 1.0 0.5 (1.0)
cmyn3* 0.017 0.0 0.5 (0.0)
olvi4* 0.983 1.0 0.5 (1.0)
cmyn4* 0.017 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 74.3 -1.64 41.44
LAB*LABa 74.3 -1.64 41.44
LAB*LABb 74.3 -1.64 41.44

relative CIELAB lab*
lab*lab 0.75 0.0 0.5
lab*tch 0.75 0.0 0.5
lab*nch 0.0 0.0 0.5
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.5
lab*tce 0.75 0.0 0.5
lab*nce 0.0 0.0 0.5

relative Inform. Technology (IT)
olvi3* 0.739 0.75 0.0 (1.0)
cmyn3* 0.261 0.25 0.75 (0.0)
olvi4* 0.989 1.0 0.5 (1.0)
cmyn4* 0.011 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 53.2 -1.63 41.45
LAB*LABa 53.2 -1.63 41.45
LAB*LABb 53.2 -1.63 41.45

relative CIELAB lab*
lab*lab 0.5 -0.019 0.5
lab*tch 0.5 0.0 0.5
lab*nch 0.0 0.0 0.5
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.5
lab*tce 0.5 0.0 0.5
lab*nce 0.0 0.0 0.5

relative Inform. Technology (IT)
olvi3* 0.489 0.5 0.0 (1.0)
cmyn3* 0.511 0.5 0.75 (0.0)
olvi4* 0.989 1.0 0.5 (1.0)
cmyn4* 0.011 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 32.1 -1.68 41.43
LAB*LABa 32.1 -1.68 41.43
LAB*LABb 32.1 -1.68 41.43

relative CIELAB lab*
lab*lab 0.25 -0.019 0.499
lab*tch 0.25 0.0 0.5
lab*nch 0.0 0.0 0.5
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.5
lab*tce 0.25 0.0 0.5
lab*nce 0.0 0.0 0.5

relative Inform. Technology (IT)
olvi3* 0.244 0.25 0.0 (1.0)
cmyn3* 0.756 0.75 1.0 (0.0)
olvi4* 0.994 1.0 0.75 (1.0)
cmyn4* 0.006 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 21.55 -0.76 20.73
LAB*LABa 21.55 -0.76 20.73
LAB*LABb 21.55 -0.76 20.73

relative CIELAB lab*
lab*lab 0.125 -0.009 0.25
lab*tch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.125 0.0 0.25
lab*tce 0.125 0.25 0.256
lab*nce 0.0 0.25 0.256

$n^* = 0.25$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.25$

$n^* = 1.50$

$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

$n^* = 2.75$

$n^* = 3.00$

$n^* = 3.25$

$n^* = 3.50$

$n^* = 3.75$

$n^* = 4.00$

1.00

0.75

0.50

0.25

0.00

relative Buntheit c^*

$n^* = 1.0$

$n^* = 1.25$

$n^* = 1.50$

$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

$n^* = 2.75$

$n^* = 3.00$

$n^* = 3.25$

$n^* = 3.50$

$n^* = 3.75$

$n^* = 4.00$

$n^* = 4.25$

$n^* = 4.50$

$n^* = 4.75$

$n^* = 5.00$

$n^* = 5.25$

$n^* = 5.50$

$n^* = 5.75$

$n^* = 6.00$

$n^* = 6.25$

$n^* = 6.50$

$n^* = 6.75$

$n^* = 7.00$

$n^* = 7.25$

$n^* = 7.50$

$n^* = 7.75$

$n^* = 8.00$

$n^* = 8.25$

$n^* = 8.50$

$n^* = 8.75$

$n^* = 9.00$

$n^* = 9.25$

$n^* = 9.50$

$n^* = 9.75$

$n^* = 10.00$

$n^* = 10.25$

$n^* = 10.50$

$n^* = 10.75$

$n^* = 11.00$

$n^* = 11.25$

$n^* = 11.50$

$n^* = 11.75$

$n^* = 12.00$

$n^* = 12.25$

$n^* = 12.50$

$n^* = 12.75$

$n^* = 13.00$

$n^* = 13.25$

$n^* = 13.50$

$n^* = 13.75$

$n^* = 14.00$

$n^* = 14.25$

$n^* = 14.50$

$n^* = 14.75$

$n^* = 15.00$

$n^* = 15.25$

$n^* = 15.50$

$n^* = 15.75$

$n^* = 16.00$

$n^* = 16.25$

$n^* = 16.50$

$n^* = 16.75$

$n^* = 17.00$

$n^* = 17.25$

$n^* = 17.50$

$n^* = 17.75$

$n^* = 18.00$

$n^* = 18.25$

$n^* = 18.50$

$n^* = 18.75$

$n^* = 19.00$

$n^* = 19.25$

$n^* = 19.50$

$n^* = 19.75$

$n^* = 20.00$

$n^* = 20.25$

$n^* = 20.50$

$n^* = 20.75$

$n^* = 21.00$

$n^* = 21.25$

$n^* = 21.50$

$n^* = 21.75$

$n^* = 22.00$

$n^* = 22.25$

$n^* = 22.50$

$n^* = 22.75$

$n^* = 23.00$

$n^* = 23.25$

$n^* = 23.50$

$n^* = 23.75$

$n^* = 24.00$

$n^* = 24.25$

The diagram shows a sequence of colored blocks (cyan, magenta, yellow, red, green) with numbers 0, 1, and 9 above them, representing a sequence of operations or states.

für 10 Bunttöne oneput: olv* setrgbcolor