

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

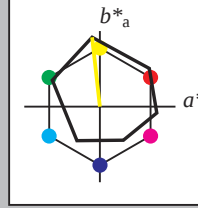
lab^*ich und lab^*nch

A: Buntton Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	-0.98	47.5	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	94.14	-3.52	27.6	
LAB*LAB	94.14	-2.56	22.93	
LAB*LAB	97.5	23.07	96.38	

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	92.88	-6.06	50.46	
LAB*LAB	92.88	-3.12	45.87	
LAB*LAB	95.0	46.15	96.38	

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	91.62	-8.61	73.31	
LAB*LAB	91.62	-7.69	68.8	
LAB*LAB	92.5	69.23	96.38	

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.36	-11.15	96.15	
LAB*LAB	90.36	-10.25	91.73	
LAB*LAB	90.36	92.3	96.38	

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	89.36	-13.97	99.95	
LAB*LAB	89.36	-12.72	95.69	
LAB*LAB	90.0	1.0	96.38	

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	88.36	-16.81	102.85	
LAB*LAB	88.36	-15.56	98.43	
LAB*LAB	89.0	1.0	96.38	

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	87.36	-19.65	105.8	
LAB*LAB	87.36	-18.40	101.41	
LAB*LAB	88.0	1.0	96.38	

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	86.36	-22.5	108.85	
LAB*LAB	86.36	-21.25	104.46	
LAB*LAB	87.0	1.0	96.38	

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	85.36	-25.4	111.9	
LAB*LAB	85.36	-24.15	107.51	
LAB*LAB	86.0	1.0	96.38	

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	84.36	-28.3	115.0	
LAB*LAB	84.36	-27.05	110.61	
LAB*LAB	85.0	1.0	96.38	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	76.06	-0.61	3.44	
LAB*LAB	76.06	0.0	0.0	
LAB*LAB	75.0	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	74.8	-3.15	26.3	
LAB*LAB	74.8	-2.56	22.94	
LAB*LAB	75.0	23.07	96.38	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	73.54	-5.69	49.16	
LAB*LAB	73.54	-5.12	45.88	
LAB*LAB	75.0	46.15	96.38	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	72.28	-8.23	72.0	
LAB*LAB	72.28	-7.69	68.8	
LAB*LAB	72.5	69.23	96.38	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	71.02	-10.73	74.6	
LAB*LAB	71.02	-10.25	71.3	
LAB*LAB	71.02	92.3	96.38	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	70.01	-13.97	77.1	
LAB*LAB	70.01	-13.49	73.8	
LAB*LAB	70.01	92.3	96.38	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	68.75	-16.81	80.15	
LAB*LAB	68.75	-16.27	76.86	
LAB*LAB	69.0	92.3	96.38	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	67.5	-19.65	83.2	
LAB*LAB	67.5	-19.11	79.91	
LAB*LAB	68.0	92.3	96.38	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	66.25	-22.5	86.25	
LAB*LAB	66.25	-21.96	82.96	
LAB*LAB	66.5	92.3	96.38	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	65.0	-25.4	89.3	
LAB*LAB	65.0	-24.86	86.04	
LAB*LAB	65.5	92.3	96.38	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	63.75	-28.3	92.4	
LAB*LAB	63.75	-27.76	89.11	
LAB*LAB	64.0	92.3	96.38	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	-0.24	2.14	
LAB*LAB	56.71	0.0	0.0	
LAB*LAB	55.0	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	55.45	-2.78	25.0	
LAB*LAB	55.45	-2.56	22.94	
LAB*LAB	55.0	23.07	96.38	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	54.19	-5.24	47.84	
LAB*LAB	54.19	-5.12	45.88	
LAB*LAB	55.0	46.15	96.38	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	52.93	-7.73	50.46	
LAB*LAB	52.93	-7.69	48.8	
LAB*LAB	53.0	69.23	96.38	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	51.67	-10.23	53.0	
LAB*LAB	51.67	-10.25	51.3	
LAB*LAB	51.67	92.3	96.38	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	50.41	-12.73	55.6	
LAB*LAB	50.41	-12.75	53.9	
LAB*LAB	50.41	92.3	96.38	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	49.15	-15.23	58.2	
LAB*LAB	49.15	-15.25	56.5	
LAB*LAB	49.15	92.3	96.38	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	47.89	-17.73	60.8	
LAB*LAB	47.89	-17.75	59.1	
LAB*LAB	47.89	92.3	96.38	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	46.63	-20.23	63.3	
LAB*LAB	46.63	-20.25	61.6	
LAB*LAB	46.63	92.3	96.38	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	45.37	-22.73	65.8	
LAB*LAB	45.37	-22.75	64.1	
LAB*LAB	45.37	92.3	96.38	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	44.11	-25.23	68.3	
LAB*LAB	44.11	-25.25	66.6	
LAB*LAB	44.11	92.3	96.38	

relative Inform. Technology (IT)

olv3*</

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.419$

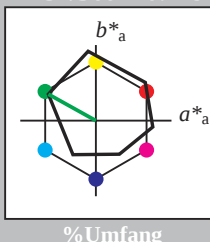
lab^*ich und lab^*nch

A: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	95.41	-0.98	47.5
LAB*LAB	95.41	0.0	0.0
LAB*LAB	99.99	0.01	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	1.0	0.0	0.0
lab*trc	1.0	0.0	0.0
lab*trn	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	0.75
cmyn4*	0.0	0.0	0.0	0.25

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	75.00	0.01	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.75	0.0	0.0
lab*trc	0.75	0.0	0.0
lab*trn	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	0.5
cmyn4*	0.0	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	56.71	-0.24	2.14
LAB*LAB	56.71	0.0	0.0
LAB*LAB	55.00	0.01	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.5	0.0	0.0
lab*trc	0.5	0.0	0.0
lab*trn	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	0.25
cmyn4*	0.0	0.0	0.0	0.75

standard and adapted CIELAB

LAB*LAB	37.36	-0.13	0.83
LAB*LAB	37.36	0.0	0.0
LAB*LAB	35.00	0.01	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trn	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	0.0
cmyn4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	18.02	0.03	0.47
LAB*LAB	18.02	0.0	0.0
LAB*LAB	0.01	0.01	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	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	0.0
cmyn4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	0.01	0.01	0.0
LAB*LAB	0.01	0.0	0.0
LAB*LAB	0.01	0.0	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

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	0.5
cmyn4*	0.5	0.0	0.5	0.5

standard and adapted CIELAB

LAB*LAB	73.15	-31.96	20.73
LAB*LAB	73.15	-31.4	17.48
LAB*LAB	75.0	35.95	150.91

relative CIELAB lab*

lab*lab	0.712	-0.436	0.243
lab*ich	0.712	-0.436	0.243
lab*nch	0.0	0.5	0.419

relative Natural Colour (NC)

lab*trj	0.712	-0.478	0.144
lab*trc	0.712	-0.478	0.144
lab*trn	0.0	0.5	0.419

relative Inform. Technology (IT)

olvi3*	0.25	0.75	0.25	(1.0)
cmyn3*	0.75	0.25	0.75	(0.0)
olvi4*	0.5	1.0	0.5	0.75
cmyn4*	0.5	0.0	0.5	0.25

standard and adapted CIELAB

LAB*LAB	53.81	-31.6	19.43
LAB*LAB	53.81	-31.4	17.48
LAB*LAB	50.0	35.95	150.91

relative CIELAB lab*

lab*lab	0.569	-0.654	0.365
lab*ich	0.569	-0.654	0.365
lab*nch	0.0	0.75	0.419

relative Natural Colour (NC)

lab*trj	0.569	-0.717	0.217
lab*trc	0.569	-0.717	0.217
lab*trn	0.0	0.75	0.419

relative Inform. Technology (IT)

olvi3*	0.0	0.75	0.0	(1.0)
cmyn3*	0.75	0.0	0.75	(0.0)
olvi4*	0.25	1.0	0.25	0.75
cmyn4*	0.75	0.0	0.75	0.25

standard and adapted CIELAB

LAB*LAB	42.68	-47.09	27.41
LAB*LAB	42.68	-47.1	26.21
LAB*LAB	37.51	53.92	150.91

relative CIELAB lab*

lab*lab	0.319	-0.654	0.365
lab*ich	0.319	-0.654	0.365
lab*nch	0.0	0.75	0.419

relative Natural Colour (NC)

lab*trj	0.319	-0.717	0.217
lab*trc	0.319	-0.717	0.217
lab*trn	0.0	0.75	0.419

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	34.46	-31.22	18.12
LAB*LAB	34.46	-31.4	17.48
LAB*LAB	25.01	35.95	150.91

relative CIELAB lab*

lab*lab	0.213	-0.436	0.243
lab*ich	0.213	-0.436	0.243
lab*nch	0.0	0.5	0.419

relative Natural Colour (NC)

lab*trj	0.213	-0.478	0.144
lab*trc	0.213	-0.478	0.144
lab*trn	0.0	0.5	0.419

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	26.24	-15.5	8.82
LAB*LAB	26.24	-15.69	8.74
LAB*LAB	12.5	17.97	150.91

relative CIELAB lab*

lab*lab	0.106	-0.217	0.121
lab*ich	0.106	-0.217	0.121
lab*nch	0.0	0.25	0.419

relative Natural Colour (NC)

lab*trj	0.106	-0.258	0.072
lab*trc	0.106	-0.258	0.072
lab*trn	0.0	0.25	0.419

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 136/360 = 0.378$

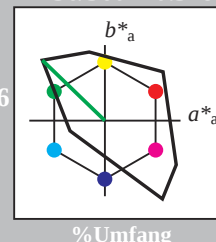
lab^*tch und lab^*nch

A: Buntton L

LCH*Ma: 84 115 136

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0
LAB*LAB	99.99	0.01	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	1.0	0.0	0.0
lab*trc	1.0	0.0	0.0
lab*trn	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	0.75
cmyn4*	0.0	0.0	0.0	0.25

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0
LAB*LAB	71.57	0.0	0.0
LAB*LAB	75.0	0.01	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.75	0.0	0.0
lab*trc	0.75	0.0	0.0
lab*trn	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	0.5
cmyn4*	0.0	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	50.9	-62.81	34.95
LAB*LAB	50.9	-62.81	34.95
LAB*LAB	50.0	71.89	150.91

relative CIELAB lab*

lab*lab	0.425	-0.873	0.486
lab*ich	0.425	-0.873	0.486
lab*nch	0.0	1.0	0.419

relative Natural Colour (NC)

lab*trj	0.425	-0.956	0.289
lab*trc	0.425	-0.956	0.289
lab*trn	0.0	1.0	0.419

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	0.25
cmyn4*	0.0	0.0	0.0	0.75

standard and adapted CIELAB

LAB*LAB	37.36	-0.13	0.83
LAB*LAB	37.36	0.0	0.0
LAB*LAB	35.0	71.89	150.91

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trn	0.0	0.0	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	20.92	-20.67	19.97
LAB*LAB	20.92	-20.67	19.97
LAB*LAB	12.5	28.75	136.01

relative CIELAB lab*

lab*lab	0.19	-0.179	0.174
lab*ich	0.19	-0.179	0.174
lab*nch	0.0	0.25	0.378

relative Natural Colour (NC)

lab*trj	0.19	-0.207	0.139
lab*trc	0.19	-0.207	0.139
lab*trn	0.0	0.25	0.378

lab*lrj	0.0	0.0	0.0
lab*tce	0.0	0.0	-
lab*ncE	1.0	0.0	-

$n^* = 1,0$

5 stufige Reihe

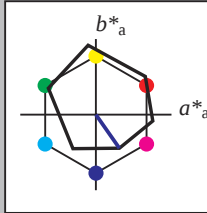
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 305/360 = 0.847$

lab^*ich und lab^*nch

A: Buntton V
LCH*Ma: 26 54 305
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	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	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0
cmv3*	0.25	0.25	0.25	0.0
olv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
LAB*LAB	59.41	0.0	0.0	
LAB*LAB	59.41	0.0	0.0	

relative Inform. Technology (IT)				
olv3*	0.0	0.0	0.75	(1.0)
cmv3*	1.0	1.0	0.25	(0.0)
olv4*	0.25	0.25	1.0	0.75
cmv4*	0.75	0.75	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	23.8	23.71	-33.37	
LAB*LAB _a	23.8	23.32	-33.29	

C	M	Y	O	L	V
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untöne output: *cm̥y0** / *000̥n** *setcmykcolor*

