

Eingabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 37/360 = 0.102$

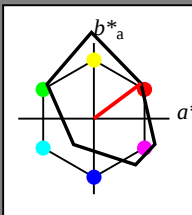
lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 33 78 37

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



FRS06; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	91.97	-0.17	-5.11
LAB*LABa	91.97	0.0	0.0
LAB*LABb	91.97	0.0	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lr	0.0	0.0	0.0
lab*lc	0.0	0.0	0.0
lab*ncc	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
cmv3*	0.0	0.5	0.5	(0.0)
olv3*	0.998	0.502	0.498	(1.0)
cmv3*	0.002	0.498	0.502	(0.0)

standard and adapted CIELAB

LAB*LAB	72.12	15.14	7.09
LAB*LABa	72.12	15.57	11.62
LAB*LABb	72.12	15.57	11.62

relative CIELAB lab*

lab*lab	0.653	0.401	0.299
lab*ch	0.75	0.5	0.102
lab*nch	0.0	0.5	0.102

relative Natural Colour (NC)

lab*lr	0.653	0.401	0.112
lab*lc	0.75	0.5	0.036
lab*ncc	0.0	0.5	0.14

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	0.762	0.759	0.722	(1.0)
cmv3*	0.238	0.241	0.278	(0.0)

standard and adapted CIELAB

LAB*LAB	70.54	-0.53	-4.26
LAB*LABa	70.54	0.0	0.0
LAB*LABb	70.54	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.5	0.102
lab*ch	0.875	0.25	0.102
lab*nch	0.0	0.25	0.102

relative Natural Colour (NC)

lab*lr	0.875	0.244	0.056
lab*lc	0.875	0.25	0.036
lab*ncc	0.0	0.25	0.14

relative Inform. Technology (IT)

olv3*	0.75	0.5	0.5	(1.0)
cmv3*	0.25	0.5	0.5	(0.0)
olv3*	0.765	0.522	0.477	(1.0)
cmv3*	0.235	0.478	0.523	(0.0)

standard and adapted CIELAB

LAB*LAB	55.69	14.79	7.94
LAB*LABa	55.69	15.58	11.62
LAB*LABb	55.69	15.58	11.62

relative CIELAB lab*

lab*lab	0.653	0.401	0.299
lab*ch	0.75	0.5	0.102
lab*nch	0.0	0.5	0.102

relative Natural Colour (NC)

lab*lr	0.653	0.401	0.112
lab*lc	0.75	0.5	0.036
lab*ncc	0.0	0.5	0.14

relative Inform. Technology (IT)

olv3*	0.75	0.5	0.5	(1.0)
cmv3*	0.25	0.5	0.5	(0.0)
olv3*	0.546	0.522	0.498	(1.0)
cmv3*	0.454	0.478	0.502	(0.0)

standard and adapted CIELAB

LAB*LAB	49.11	-0.89	-3.42
LAB*LABa	49.11	0.0	0.0
LAB*LABb	49.11	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.5	0.102
lab*ch	0.625	0.25	0.102
lab*nch	0.0	0.25	0.102

relative Natural Colour (NC)

lab*lr	0.625	0.244	0.056
lab*lc	0.625	0.25	0.036
lab*ncc	0.0	0.25	0.14

relative Inform. Technology (IT)

olv3*	0.75	0.25	0.25	(1.0)
cmv3*	0.25	0.75	0.75	(0.0)
olv3*	0.75	0.308	0.242	(1.0)
cmv3*	0.25	0.692	0.758	(0.0)

standard and adapted CIELAB

LAB*LAB	40.84	30.12	20.15
LAB*LABa	40.84	31.16	23.24
LAB*LABb	40.84	31.16	23.24

relative CIELAB lab*

lab*lab	0.48	0.601	0.448
lab*ch	0.625	0.75	0.102
lab*nch	0.0	0.75	0.102

relative Natural Colour (NC)

lab*lr	0.48	0.731	0.168
lab*lc	0.625	0.75	0.036
lab*ncc	0.0	0.75	0.14

relative Inform. Technology (IT)

olv3*	0.75	0.25	0.25	(1.0)
cmv3*	0.25	0.75	0.75	(0.0)
olv3*	0.75	0.308	0.242	(1.0)
cmv3*	0.25	0.692	0.758	(0.0)

standard and adapted CIELAB

LAB*LAB	49.11	-0.89	-3.42
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LAB*LABb	49.11	0.0	0.0

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lab*lab	0.75	0.25	0.102
lab*ch	0.625	0.25	0.102
lab*nch	0.0	0.25	0.102

relative Natural Colour (NC)

lab*lr	0.625	0.244	0.056
lab*lc	0.625	0.25	0.036
lab*ncc	0.0	0.25	0.14

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cmv3*	0.25	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	49.11	-0.89	-3.42
LAB*LABa	49.11	0.0	0.0
LAB*LABb	49.11	0.0	0.0

relative CIELAB lab*

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lab*nch	0.0	0.0	0.0

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standard and adapted CIELAB

LAB*LAB	49.11	-0.89	-3.42
LAB*LABa	49.11	0.0	0.0
LAB*LABb	49.11	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.625	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lr	0.625	0.0	0.0
lab*lc	0.625	0.0	0.0
lab*ncc	0.0	0.0	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	49.11	-0.89	-3.42
LAB*LABa	49.11	0.0	0.0
LAB*LABb	49.11	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.625	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lr	0.625	0.0	0.0
lab*lc	0.625	0.0	0.0
lab*ncc	0.0	0.0	0.0

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	49.11	-0.89	-3.42
LAB*LABa	49.11	0.0	0.0
LAB*LABb	49.11	0.0	0.0

Eingabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 92/360 = 0.254$

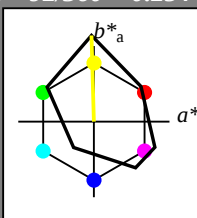
lab^*ch und lab^*nch

D65: Buntton Y

LCH*Ma: 83 114 92

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmv3* 0.0 0.0 0.0 (0.0)
olv3* 1.0 1.0 1.0 (1.0)
cmv3* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0
LAB*LABc 91.97 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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 70.54 -0.53 -4.26
LAB*LABb 70.54 0.0 0.0
LAB*LABc 70.54 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.75 0.75 0.75 (1.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.75 0.75 0.75 (1.0)

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmv3* 0.5 0.5 0.5 (0.0)
olv3* 0.5 0.5 0.5 (0.0)
cmv3* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 -0.89 -3.42
LAB*LABb 49.11 0.0 0.0
LAB*LABc 49.11 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmv3* 0.75 0.75 0.75 (1.0)
olv3* 0.25 0.25 0.25 (0.0)
cmv3* 0.75 0.75 0.75 (1.0)
standard and adapted CIELAB
LAB*LAB 27.68 -1.25 -2.57
LAB*LABa 27.68 -1.25 -2.57
LAB*LABb 27.68 0.0 0.0
LAB*LABc 27.68 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.25 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmv3* 1.0 1.0 1.0 (1.0)
olv3* 0.0 0.0 0.0 (0.0)
cmv3* 1.0 1.0 1.0 (1.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 1.73
LAB*LABa 6.26 6.26 1.73
LAB*LABb 6.26 0.0 0.0
LAB*LABc 6.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmv3* 1.0 1.0 1.0 (1.0)
olv3* 0.0 0.0 0.0 (0.0)
cmv3* 1.0 1.0 1.0 (1.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmv3* 1.0 1.0 1.0 (1.0)
olv3* 0.0 0.0 0.0 (0.0)
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standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
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relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
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standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
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relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
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relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
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lab*lab 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmv3* 1.0 1.0 1.0 (1.0)
olv3* 0.0 0.0 0.0 (0.0)
cmv3* 1.0 1.0 1.0 (1.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmv3* 1.0 1.0 1.0 (1.0)
olv3* 0.0 0.0 0.0 (0.0)
cmv3* 1.0 1.0 1.0 (1.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)

FRS06; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmv3* 0.0 0.0 0.0 (0.0)

olv3* 1.0 1.0 1.0 (1.0)

cmv3* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 87.34 -1.83 52.05

LAB*LABa 87.34 -1.83 52.05

LAB*LABb 87.34 -1.83 52.05

LAB*LABc 87.34 -1.83 52.05

relative CIELAB lab*

lab*lab 0.946 -0.013 0.5

lab*lab 0.946 -0.013 0.5

lab*lab 0.946 -0.013 0.5

lab*lab 0.946 -0.013 0.5

relative Natural Colour (NC)

lab*lab 0.946 -0.013 0.5

lab*lab 0.946 -0.013 0.5

lab*lab 0.946 -0.013 0.5

lab*lab 0.946 -0.013 0.5

standard and adapted CIELAB

LAB*LAB 65.92 -2.2 52.91

LAB*LABa 65.92 -2.2 52.91

LAB*LABb 65.92 -2.2 52.91

LAB*LABc 65.92 -2.2 52.91

relative CIELAB lab*

lab*lab 0.696 0.004 0.5

lab*lab 0.696 0.004 0.5

lab*lab 0.696 0.004 0.5

lab*lab 0.696 0.004 0.5

relative Natural Colour (NC)

lab*lab 0.696 0.004 0.5

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmv3* 0.0 0.0 0.0 (0.0)

olv3* 1.0 1.0 1.0 (1.0)

cmv3* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 85.03 -2.67 80.64

LAB*LABa 85.03 -2.67 80.64

LAB*LABb 85.03 -2.67 80.64

LAB*LABc 85.03 -2.67 80.64

relative CIELAB lab*

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

relative Natural Colour (NC)

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

standard and adapted CIELAB

LAB*LAB 65.92 -2.2 52.91

LAB*LABa 65.92 -2.2 52.91

LAB*LABb 65.92 -2.2 52.91

LAB*LABc 65.92 -2.2 52.91

relative CIELAB lab*

lab*lab 0.696 0.004 0.5

lab*lab 0.696 0.004 0.5

lab*lab 0.696 0.004 0.5

lab*lab 0.696 0.004 0.5

relative Natural Colour (NC)

lab*lab 0.696 0.004 0.5

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmv3* 0.0 0.0 0.0 (0.0)

olv3* 1.0 1.0 1.0 (1.0)

cmv3* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 85.03 -2.67 80.64

LAB*LABa 85.03 -2.67 80.64

LAB*LABb 85.03 -2.67 80.64

LAB*LABc 85.03 -2.67 80.64

relative CIELAB lab*

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

relative Natural Colour (NC)

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

standard and adapted CIELAB

LAB*LAB 65.92 -2.2 52.91

LAB*LABa 65.92 -2.2 52.91

LAB*LABb 65.92 -2.2 52.91

LAB*LABc 65.92 -2.2 52.91

relative CIELAB lab*

lab*lab 0.696 0.004 0.5

lab*lab 0.696 0.004 0.5

lab*lab 0.696 0.004 0.5

lab*lab 0.696 0.004 0.5

relative Natural Colour (NC)

lab*lab 0.696 0.004 0.5

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmv3* 0.0 0.0 0.0 (0.0)

olv3* 1.0 1.0 1.0 (1.0)

cmv3* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 85.03 -2.67 80.64

LAB*LABa 85.03 -2.67 80.64

LAB*LABb 85.03 -2.67 80.64

LAB*LABc 85.03 -2.67 80.64

relative CIELAB lab*

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

relative Natural Colour (NC)

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

lab*lab 0.919 -0.02 0.75

standard and adapted CIELAB

LAB*LAB 65.92 -2.2 52.91

LAB*LABa 65.92 -2.2 52.91

LAB*LABb 65.92 -2.2 52.91

LAB*LABc 65.92 -2.2 52.91

relative CIELAB lab*

lab*lab 0.696 0.004 0.5

lab*lab 0.696 0.004 0.5

lab*lab 0.696 0.004 0.5

Eingabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 143/360 = 0.398$

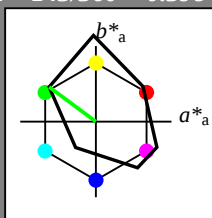
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 39 77 143

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)
olv3* 0.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv3** 1.0 1.0 1.0 (1.0)
cmyn3** 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0
LAB*LABc 91.97 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 1.0 0.75 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olv3** 0.75 1.0 0.75 (1.0)
cmyn3** 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0
LAB*LABc 91.97 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)
olv3** 0.75 0.75 0.75 (1.0)
cmyn3** 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0
LAB*LABc 91.97 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)
olv3** 0.75 0.75 0.75 (1.0)
cmyn3** 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0
LAB*LABc 91.97 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)
olv3** 0.75 0.75 0.75 (1.0)
cmyn3** 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0
LAB*LABc 91.97 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)
olv3** 0.75 0.75 0.75 (1.0)
cmyn3** 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0
LAB*LABc 91.97 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)
olv3** 0.75 0.75 0.75 (1.0)
cmyn3** 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0
LAB*LABc 91.97 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)
olv3** 0.75 0.75 0.75 (1.0)
cmyn3** 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0
LAB*LABc 91.97 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)
olv3** 0.75 0.75 0.75 (1.0)
cmyn3** 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0
LAB*LABc 91.97 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)
olv3** 0.75 0.75 0.75 (1.0)
cmyn3** 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0
LAB*LABc 91.97 0.0 0.0

FRS06; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.25$

$n^* = 1.5$

$n^* = 1.75$

$n^* = 2.0$

$n^* = 2.25$

$n^* = 2.5$

$n^* = 2.75$

$n^* = 3.0$

$n^* = 3.25$

$n^* = 3.5$

$n^* = 3.75$

$n^* = 4.0$

$n^* = 4.25$

$n^* = 4.5$

$n^* = 4.75$

$n^* = 5.0$

$n^* = 5.25$

$n^* = 5.5$

$n^* = 5.75$

$n^* = 6.0$

$n^* = 6.25$

$n^* = 6.5$

$n^* = 6.75$

$n^* = 7.0$

$n^* = 7.25$

$n^* = 7.5$

$n^* = 7.75$

$n^* = 8.0$

$n^* = 8.25$

$n^* = 8.5$

$n^* = 8.75$

$n^* = 9.0$

$n^* = 9.25$

$n^* = 9.5$

$n^* = 9.75$

$n^* = 10.0$

$n^* = 10.25$

$n^* = 10.5$

$n^* = 10.75$

$n^* = 11.0$

$n^* = 11.25$

$n^* = 11.5$

$n^* = 11.75$

$n^* = 12.0$

$n^* = 12.25$

$n^* = 12.5$

$n^* = 12.75$

$n^* = 13.0$

$n^* = 13.25$

$n^* = 13.5$

$n^* = 13.75$

$n^* = 14.0$

$n^* = 14.25$

$n^* = 14.5$

$n^* = 14.75$

$n^* = 15.0$

$n^* = 15.25$

$n^* = 15.5$

$n^* = 15.75$

$n^* = 16.0$

$n^* = 16.25$

$n^* = 16.5$

$n^* = 16.75$

$n^* = 17.0$

$n^* = 17.25$

$n^* = 17.5$

$n^* = 17.75$

$n^* = 18.0$

$n^* = 18.25$

$n^* = 18.5$

$n^* = 18.75$

$n^* = 19.0$

$n^* = 19.25$

$n^* = 19.5$

$n^* = 19.75$

$n^* = 20.0$

$n^* = 20.25$

$n^* = 20.5$

$n^* = 20.75$

$n^* = 21.0$

$n^* = 21.25$

$n^* = 21.5$

$n^* = 21.75$

$n^* = 22.0$

$n^* = 22.25$

$n^* = 22.5$

$n^* = 22.75$

$n^* = 23.0$

$n^* = 23.25$

$n^* = 23.5$

$n^* = 23.75$

$n^* = 24.0$

$n^* = 24.25$

$n^* = 24.5$

$n^* = 24.75$

$n^* = 25.0$

$n^* = 25.25$

$n^* = 25.5$

$n^* = 25.75$

$n^* = 26.0$

$n^* = 26.25$

$n^* = 26.5$

$n^* = 26.75$

$n^* = 27.0$

$n^* = 27.25$

$n^* = 27.5$

$n^* = 27.75$

$n^* = 28.0$

$n^* = 28.25$

$n^* = 28.5$

$n^* = 28.75$

$n^* = 29.0$

$n^* = 29.25$

$n^* = 29.5$

$n^* = 29.75$

$n^* = 30.0$

$n^* = 30.25$

$n^* = 30.5$

$n^* = 30.75$

$n^* = 31.0$

$n^* = 31.25$

$n^* = 31.5$

$n^* = 31.75$

$n^* = 32.0$

$n^* = 32.25$

$n^* = 32.5$

$n^* = 32.75$

$n^* = 33.0$

$n^* = 33.25$

$n^* = 33.5$

$n^* = 33.75$

$n^* = 34.0$

$n^* = 34.25$

$n^* = 34.5$

$n^* = 34.75$

$n^* = 35.0$

$n^* = 35.25$

$n^* = 35.5$

$n^* = 35.75$

$n^* = 36.0$

$n^* = 36.25$

$n^* = 36.5$

$n^* = 36.75$

$n^* = 37.0$

$n^* = 37.25$

$n^* = 37.5$

$n^* = 37.75$

$n^* = 38.0$

$n^* = 38.25$

$n^* = 38.5$

$n^* = 38.75$

$n^* = 39.0$

$n^* = 39.25$

$n^* = 39.5$

$n^* = 39.75$

$n^* = 40.0$

$n^* = 40.25$

$n^* = 40.5$

$n^* = 40.75$

$n^* = 41.0$

$n^* = 41.25$

$n^* = 41.5$

$n^* = 41.75$

$n^* = 42.0$

$n^* = 42.25$

$n^* = 42.5$

$n^* = 42.75$

$n^* = 43.0$

$n^* = 43.25$

$n^* = 43.5$

$n^* = 43.75$

$n^* = 44.0$

output: *olv**, (TRI9) *setrgbcolor*

A horizontal line representing a linear chromosome. It is divided into five colored segments: a blue segment labeled 'C', a pink segment labeled 'M', a yellow segment labeled 'Y', a red segment labeled 'O', and a green segment labeled 'L'. The segments are arranged in that order from left to right.

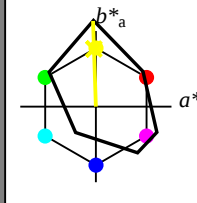
Eingabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 92/360 = 0.255$

lab^*ch und lab^*nch

D65: Buntton J
LCH*Ma: 82 113 92
olv*Ma: 0.99 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)
olv3* 1.0 1.0 1.0 (1.0)
cmv3* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.998 1.0 0.75 (1.0)
cmv3* 0.002 0.0 0.25 (0.0)
olv3* 1.0 0.963 0.68 (1.0)
cmv3* 0.0 0.037 0.32 (0.0)

standard and adapted CIELAB
LAB*LAB 89.55 -1.14 23.31
LAB*LABa 89.55 -0.92 28.32
LAB*LABb 89.55 -28.34 91.89

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
olv3* 0.762 0.759 0.722 (1.0)
cmv3* 0.238 0.241 0.278 (0.0)

standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 70.54 0.0 0.0
LAB*LABb 70.54 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.995 1.0 0.5 (1.0)
cmv3* 0.005 0.0 0.5 (0.0)
olv3* 1.0 0.948 0.43 (1.0)
cmv3* 0.0 0.052 0.57 (0.0)

standard and adapted CIELAB
LAB*LAB 87.13 -2.12 51.73
LAB*LABa 87.13 -1.86 56.65
LAB*LABb 87.13 56.68 91.89

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
olv3* 0.762 0.759 0.722 (1.0)
cmv3* 0.238 0.241 0.278 (0.0)

standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 70.54 0.0 0.0
LAB*LABb 70.54 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.748 0.75 0.5 (1.0)
cmv3* 0.252 0.25 0.5 (0.0)
olv3* 0.797 0.719 0.464 (1.0)
cmv3* 0.203 0.281 0.736 (0.0)

standard and adapted CIELAB
LAB*LAB 68.12 -1.51 24.16
LAB*LABa 68.12 -0.93 28.33
LAB*LABb 68.12 28.34 91.9

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmv3* 0.5 0.5 0.5 (0.0)
olv3* 0.546 0.52 0.498 (1.0)
cmv3* 0.454 0.48 0.502 (0.0)

standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*LABb 49.11 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.745 0.75 0.25 (1.0)
cmv3* 0.255 0.25 0.25 (0.0)
olv3* 0.798 0.697 0.235 (1.0)
cmv3* 0.202 0.303 0.765 (0.0)

standard and adapted CIELAB
LAB*LAB 65.7 -2.49 52.58
LAB*LABa 65.7 -1.87 56.63
LAB*LABb 65.7 56.68 91.9

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmv3* 0.5 0.5 0.5 (0.0)
olv3* 0.546 0.52 0.498 (1.0)
cmv3* 0.454 0.48 0.502 (0.0)

standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*LABb 49.11 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.485 0.5 0.0 (1.0)
cmv3* 0.515 0.5 0.0 (0.0)
olv3* 0.593 0.484 0.248 (1.0)
cmv3* 0.407 0.516 0.752 (0.0)

standard and adapted CIELAB
LAB*LAB 46.69 -1.88 25.0
LAB*LABa 46.69 -0.93 28.33
LAB*LABb 46.69 28.34 91.9

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmv3* 0.75 0.75 0.75 (0.0)
olv3* 0.318 0.3 0.566 (1.0)
cmv3* 0.682 0.7 0.734 (0.0)

standard and adapted CIELAB
LAB*LAB 27.68 -2.25 -5.7
LAB*LABa 27.68 0.0 0.0
LAB*LABb 27.68 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.485 0.5 0.0 (1.0)
cmv3* 0.515 0.5 0.0 (0.0)
olv3* 0.593 0.484 0.248 (1.0)
cmv3* 0.407 0.516 0.752 (0.0)

standard and adapted CIELAB
LAB*LAB 46.69 -1.88 25.0
LAB*LABa 46.69 -0.93 28.33
LAB*LABb 46.69 28.34 91.9

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmv3* 0.75 0.75 0.75 (0.0)
olv3* 0.318 0.3 0.566 (1.0)
cmv3* 0.682 0.7 0.734 (0.0)

standard and adapted CIELAB
LAB*LAB 27.68 -2.25 -5.7
LAB*LABa 27.68 0.0 0.0
LAB*LABb 27.68 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.485 0.5 0.0 (1.0)
cmv3* 0.515 0.5 0.0 (0.0)
olv3* 0.593 0.484 0.248 (1.0)
cmv3* 0.407 0.516 0.752 (0.0)

standard and adapted CIELAB
LAB*LAB 46.69 -1.88 25.0
LAB*LABa 46.69 -0.93 28.33
LAB*LABb 46.69 28.34 91.9

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

standard and adapted CIELAB
LAB*LAB 6.26 6.26 1.63
LAB*LABa 6.26 0.0 0.0
LAB*LABb 6.26 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.222 -0.007 0.25
cmv3* 0.125 0.25 0.25
olv3* 0.222 -0.007 0.25
cmv3* 0.125 0.25 0.25

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

standard and adapted CIELAB
LAB*LAB 6.26 6.26 1.63
LAB*LABa 6.26 0.0 0.0
LAB*LABb 6.26 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.222 -0.007 0.25
cmv3* 0.125 0.25 0.25
olv3* 0.222 -0.007 0.25
cmv3* 0.125 0.25 0.25

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

standard and adapted CIELAB
LAB*LAB 6.26 6.26 1.63
LAB*LABa 6.26 0.0 0.0
LAB*LABb 6.26 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.222 -0.007 0.25
cmv3* 0.125 0.25 0.25
olv3* 0.222 -0.007 0.25
cmv3* 0.125 0.25 0.25

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

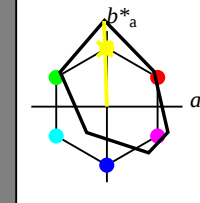
Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 92/360 = 0.255$

lab^*ch und lab^*nch

D65: Buntton J
LCH*Ma: 82 113 92
olv*Ma: 0.99 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)
olv3* 1.0 1.0 1.0 (1.0)
cmv3* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.998 1.0 0.75 (1.0)
cmv3* 0.002 0.0 0.25 (0.0)
olv3* 1.0 0.963 0.68 (1.0)
cmv3* 0.0 0.037 0.32 (0.0)

standard and adapted CIELAB
LAB*LAB 89.55 -1.14 23.31
LAB*LABa 89.55 -0.92 28.32
LAB*LABb 89.55 -28.34 91.89

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
olv3* 0.762 0.759 0.722 (1.0)
cmv3* 0.238 0.241 0.278 (0.0)

standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 70.54 0.0 0.0
LAB*LABb 70.54 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.995 1.0 0.5 (1.0)
cmv3* 0.005 0.0 0.5 (0.0)
olv3* 1.0 0.948 0.43 (1.0)
cmv3* 0.0 0.052 0.57 (0.0)

standard and adapted CIELAB
LAB*LAB 87.13 -2.12 51.73
LAB*LABa 87.13 -1.86 56.65
LAB*LABb 87.13 56.68 91.89

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
olv3* 0.762 0.759 0.722 (1.0)
cmv3* 0.238 0.241 0.278 (0.0)

standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 70.54 0.0 0.0
LAB*LABb 70.54 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.748 0.75 0.5 (1.0)
cmv3* 0.252 0.25 0.5 (0.0)
olv3* 0.797 0.719 0.464 (1.0)
cmv3* 0.203 0.281 0.736 (0.0)

standard and adapted CIELAB
LAB*LAB 68.12 -1.51 24.16
LAB*LABa 68.12 -0.93 28.33
LAB*LABb 68.12 28.34 91.9

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmv3* 0.5 0.5 0.5 (0.0)
olv3* 0.546 0.52 0.498 (1.0)
cmv3* 0.454 0.48 0.502 (0.0)

standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*LABb 49.11 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.745 0.75 0.25 (1.0)
cmv3* 0.255 0.25 0.25 (0.0)
olv3* 0.798 0.697 0.235 (1.0)
cmv3* 0.202 0.303 0.765 (0.0)

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LAB*LABa 65.7 -1.87 56.63
LAB*LABb 65.7 56.68 91.9

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olv3* 0.5 0.5 0.5 (0.0)
cmv3* 0.5 0.5 0.5 (0.0)
olv3* 0.546 0.52 0.498 (1.0)
cmv3* 0.454 0.48 0.502 (0.0)

standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*LABb 49.11 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.485 0.5 0.0 (1.0)
cmv3* 0.515 0.5 0.0 (0.0)
olv3* 0.593 0.484 0.248 (1.0)
cmv3* 0.407 0.516 0.752 (0.0)

standard and adapted CIELAB
LAB*LAB 46.69 -1.88 25.0
LAB*LABa 46.69 -0.93 28.33
LAB*LABb 46.69 28.34 91.9

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmv3* 0.75 0.75 0.75 (0.0)
olv3* 0.318 0.3 0.566 (1.0)
cmv3* 0.682 0.7 0.734 (0.0)

standard and adapted CIELAB
LAB*LAB 27.68 -2.25 -5.7
LAB*LABa 27.68 0.0 0.0
LAB*LABb 27.68 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.485 0.5 0.0 (1.0)
cmv3* 0.515 0.5 0.0 (0.0)
olv3* 0.593 0.484 0.248 (1.0)
cmv3* 0.407 0.516 0.752 (0.0)

standard and adapted CIELAB
LAB*LAB 46.69 -1.88 25.0
LAB*LABa 46.69 -0.93 28.33
LAB*LABb 46.69 28.34 91.9

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmv3* 0.75 0.75 0.75 (0.0)
olv3* 0.318 0.3 0.566 (1.0)
cmv3* 0.682 0.7 0.734 (0.0)

standard and adapted CIELAB
LAB*LAB 27.68 -2.25 -5.7
LAB*LABa 27.68 0.0 0.0
LAB*LABb 27.68 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.485 0.5 0.0 (1.0)
cmv3* 0.515 0.5 0.0 (0.0)
olv3* 0.593 0.484 0.248 (1.0)
cmv3* 0.407 0.516 0.752 (0.0)

standard and adapted CIELAB
LAB*LAB 46.69 -1.88 25.0
LAB*LABa 46.69 -0.93 28.33
LAB*LABb 46.69 28.34 91.9

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

standard and adapted CIELAB
LAB*LAB 6.26 6.26 1.63
LAB*LABa 6.26 0.0 0.0
LAB*LABb 6.26 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.222 -0.007 0.25
cmv3* 0.125 0.25 0.25
olv3* 0.222 -0.007 0.25
cmv3* 0.125 0.25 0.25

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

standard and adapted CIELAB
LAB*LAB 6.26 6.26 1.63
LAB*LABa 6.26 0.0 0.0
LAB*LABb 6.26 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.222 -0.007 0.25
cmv3* 0.125 0.25 0.25
olv3* 0.222 -0.007 0.25
cmv3* 0.125 0.25 0.25

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

standard and adapted CIELAB
LAB*LAB 6.26 6.26 1.63
LAB*LABa 6.26 0.0 0.0
LAB*LABb 6.26 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.222 -0.007 0.25
cmv3* 0.125 0.25 0.25
olv3* 0.222 -0.007 0.25
cmv3* 0.125 0.25 0.25

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

VG250-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (rechts)

BAM-Prüfvorlage VG25; Farbmetrik-Systeme FRS06 & FRS05 input: $olv^*setrgbcolor$

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: $olv^*(TRI9)setrgbcolor$

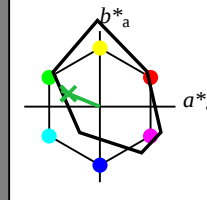
Eingabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 158/360 = 0.438$

lab^*ch und lab^*nch

D65: Buntton G
LCH*Ma: 42 55 158
olv*Ma: 0.0 1.0 0.31

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv3** 1.0 1.0 1.0 (1.0)
cmyn3** 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv3** 1.0 1.0 1.0 (1.0)
cmyn3** 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

FRS06; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

1,00

0,75

0,25

Schwarzheit n^*

relative Buntheit c^*

$n^* = 1,0$

$n^* = 0,0$

$n^* = 0,50$

$n^* = 0,75$

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$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,0$

$n^* = 0,0$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,0$

$n^* = 0,0$

