

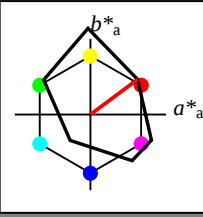
Eingabe: Farbmetrisches Drucker-Reflektiv-System FRS06

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

D65: Buntton O

LCH*Ma: 33 78 37

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 115$

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 91.97 15.14 7.09
LAB*LABa 91.97 0.0 0.0
LAB*TCBa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 -
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 0.0 0.0 -
lab*nce 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 70.54 -0.53 -4.26
LAB*LABa 70.54 0.0 0.0
LAB*TCBa 75.0 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 -
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.25 0.0 -
lab*nce 0.25 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
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 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*TCBa 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 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 -
lab*nce 0.5 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 27.68 -1.25 -2.57
LAB*LABa 27.68 0.0 0.0
LAB*TCBa 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 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 -
lab*nce 0.25 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 6.26 -1.62 -1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCBa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 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 -
lab*nce 1.0 0.0 -

 $n^* = 1,0$

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)
olvi3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 62.27 30.47 19.3
LAB*LABa 62.27 31.16 23.24
LAB*TCBa 75.0 36.87 36.72

relative CIELAB lab*
lab*lab 0.827 0.2 0.149
lab*tch 0.875 0.25 0.102
lab*nch 0.0 0.5 0.102
relative Natural Colour (NC)
lab*trj 0.827 0.24 0.056
lab*tce 0.875 0.25 0.036
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olvi3* 0.75 0.5 0.5 (1.0)
cmyn3* 0.25 0.5 0.5 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 55.69 14.79 7.94
LAB*LABa 55.69 15.58 11.62
LAB*TCBa 62.5 19.44 36.72

relative CIELAB lab*
lab*lab 0.577 0.2 0.149
lab*tch 0.625 0.25 0.102
lab*nch 0.0 0.5 0.102
relative Natural Colour (NC)
lab*trj 0.577 0.24 0.056
lab*tce 0.625 0.25 0.036
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olvi3* 0.5 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 34.26 14.42 8.79
LAB*LABa 34.26 15.58 11.62
LAB*TCBa 37.5 19.44 36.72

relative CIELAB lab*
lab*lab 0.327 0.2 0.149
lab*tch 0.375 0.25 0.102
lab*nch 0.5 0.25 0.102
relative Natural Colour (NC)
lab*trj 0.327 0.24 0.056
lab*tce 0.375 0.25 0.036
lab*nce 0.5 0.25 0.14

relative Inform. Technology (IT)
olvi3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 1.0 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 19.42 29.75 20.99
LAB*LABa 19.42 31.16 23.24
LAB*TCBa 25.01 36.87 36.72

relative CIELAB lab*
lab*lab 0.154 0.401 0.299
lab*tch 0.154 0.401 0.299
lab*nch 0.5 0.5 0.102
relative Natural Colour (NC)
lab*trj 0.154 0.401 0.299
lab*tce 0.154 0.401 0.299
lab*nce 0.5 0.5 0.102

 $n^* = 0,50$

relative Inform. Technology (IT)
olvi3* 1.0 0.25 0.25 (1.0)
cmyn3* 0.0 0.75 0.75 (0.0)
olvi4* 1.0 0.25 0.25 (1.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 47.42 45.8 31.51
LAB*LABa 47.42 46.74 34.86
LAB*TCBa 62.5 58.31 36.72

relative CIELAB lab*
lab*lab 0.48 0.601 0.448
lab*tch 0.625 0.75 0.102
lab*nch 0.0 0.75 0.102
relative Natural Colour (NC)
lab*trj 0.48 0.601 0.448
lab*tce 0.625 0.75 0.036
lab*nce 0.0 0.75 0.14

relative Inform. Technology (IT)
olvi3* 1.0 0.0 0.0 (1.0)
cmyn3* 0.0 1.0 1.0 (0.0)
olvi4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 1.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 32.57 61.13 43.71
LAB*LABa 32.57 62.31 46.48
LAB*TCBa 50.0 77.74 36.72

relative CIELAB lab*
lab*lab 0.307 0.801 0.598
lab*tch 0.5 1.0 0.102
lab*nch 0.0 1.0 0.102
relative Natural Colour (NC)
lab*trj 0.307 0.801 0.598
lab*tce 0.5 1.0 0.036
lab*nce 0.0 1.0 0.14

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 27.68 -1.25 -2.57
LAB*LABa 27.68 0.0 0.0
LAB*TCBa 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 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 -
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 6.26 -1.62 -1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCBa 0.01 0.01 -

 $n^* = 0,00$ relative Buntheit c^*

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ Schwarzheit n^*

0,00

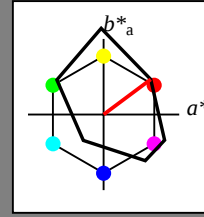
Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS06

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

D65: Buntton O

LCH*Ma: 33 78 37

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 115$

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 91.97 15.14 7.09
LAB*LABa 91.97 0.0 0.0
LAB*TCBa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 -
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 0.0 0.0 -
lab*nce 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 70.54 -0.53 -4.26
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LAB*TCBa 75.0 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 -
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.25 0.0 -
lab*nce 0.25 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*TCBa 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 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 -
lab*nce 0.5 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 0.75 0.75 (1.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 27.68 -1.25 -2.57
LAB*LABa 27.68 0.0 0.0
LAB*TCBa 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 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 -
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)
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LAB*LAB 6.26 -1.62 -1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCBa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 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 -
lab*nce 1.0 0.0 -

 $n^* = 1,0$ relative Buntheit c^*

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ Schwarzheit n^*

0,00

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 91.97 15.14 7.09
LAB*LABa 91.97 0.0 0.0
LAB*TCBa 99.99 0.01 -

 $n^* = 0,50$ relative Buntheit c^*

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
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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)
olvi3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 62.27 30.47 19.3
LAB*LABa 62.27 31.16 23.24
LAB*TCBa 75.0 36.87 36.72

relative CIELAB lab*
lab*lab 0.827 0.2 0.149
lab*tch 0.875 0.25 0.102
lab*nch 0.0 0.5 0.102
relative Natural Colour (NC)
lab*trj 0.827 0.24 0.056
lab*tce 0.875 0.25 0.036
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olvi3* 0.75 0.5 0.5 (1.0)
cmyn3* 0.25 0.5 0.5 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 55.69 14.79 7.94
LAB*LABa 55.69 15.58 11.62
LAB*TCBa 62.5 19.44 36.72

relative CIELAB lab*
lab*lab 0.577 0.2 0.149
lab*tch 0.625 0.25 0.102
lab*nch 0.0 0.5 0.102
relative Natural Colour (NC)
lab*trj 0.577 0.24 0.056
lab*tce 0.625 0.25 0.036
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olvi3* 0.5 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 34.26 14.42 8.79
LAB*LABa 34.26 15.58 11.62
LAB*TCBa 37.5 19.44 36.72

relative CIELAB lab*
lab*lab 0.404 0.401 0.299
lab*tch 0.404 0.401 0.299
lab*nch 0.5 0.5 0.102
relative Natural Colour (NC)
lab*trj 0.404 0.401 0.299
lab*tce 0.5 0.5 0.036
lab*nce 0.5 0.5 0.14

relative Inform. Technology (IT)
olvi3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 1.0 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 19.42 29.75 20.99
LAB*LABa 19.42 31.16 23.24
LAB*TCBa 25.01 36.87 36.72

relative CIELAB lab*
lab*lab 0.154 0.401 0.299
lab*tch 0.154 0.401 0.299
lab*nch 0.5 0.5 0.102
relative Natural Colour (NC)
lab*trj 0.154 0.401 0.299
lab*tce 0.154 0.401 0.299
lab*nce 0.5 0.5 0.102

 $n^* = 0,50$ relative Buntheit c^* Schwarzheit n^* $n^* = 0,25$

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 6.26 -1.62 -1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCBa 0.01 0.01 -

 $n^* = 0,00$ relative Buntheit c^*

VG250-7, 5 stufige Reihen für konstanten CIELAB Buntton 37/360 = 0.102 (links)