

Eingabe: Farbmetrisches Drucker-Reflektiv-System FRS06

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

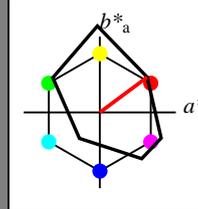
lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 33 78 37

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv3**	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*lrj	0.0	0.0	0.0
lab*lr	0.0	0.0	0.0
lab*lc	0.0	0.0	0.0
lab*nc	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv3**	0.998	0.756	0.686	(1.0)
cmv3**	0.002	0.244	0.314	(0.0)

standard and adapted CIELAB

LAB*LAB	77.12	15.14	7.09
LAB*LABa	77.12	15.57	11.62
LAB*LABb	87.5	19.43	36.72

relative CIELAB lab*

lab*lab	0.827	0.2	0.149
lab*ch	0.875	0.25	0.102
lab*nch	0.0	0.25	0.102

relative Natural Colour (NC)

lab*lrj	0.827	0.244	0.056
lab*lr	0.875	0.25	0.036
lab*lc	0.0	0.25	0.14

relative Inform. Technology (IT)

ohv3*	1.0	0.5	0.5	(1.0)
cmv3*	0.0	0.5	0.5	(0.0)
ohv3**	0.991	0.522	0.433	(1.0)
cmv3**	0.009	0.478	0.567	(0.0)

standard and adapted CIELAB

LAB*LAB	62.27	30.47	19.3
LAB*LABa	62.27	31.16	23.24
LAB*LABb	75.0	38.87	36.72

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*lrj	0.653	0.487	0.112
lab*lr	0.75	0.5	0.036
lab*lc	0.0	0.5	0.14

relative Inform. Technology (IT)

ohv3*	1.0	0.25	0.25	(1.0)
cmv3*	0.0	0.75	0.75	(0.0)
ohv3**	0.966	0.295	0.22	(1.0)
cmv3**	0.034	0.705	0.78	(0.0)

standard and adapted CIELAB

LAB*LAB	47.42	45.8	31.51
LAB*LABa	47.42	46.74	34.86
LAB*LABb	62.5	58.31	36.72

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

relative Inform. Technology (IT)

ohv3*	1.0	0.0	0.0	(1.0)
cmv3*	0.0	1.0	1.0	(0.0)
ohv3**	0.966	0.295	0.22	(1.0)
cmv3**	0.034	0.705	0.78	(0.0)

standard and adapted CIELAB

LAB*LAB	47.42	45.8	31.51
LAB*LABa	47.42	46.74	34.86
LAB*LABb	62.5	58.31	36.72

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.25	0.244	0.056
lab*lr	0.75	0.25	0.036
lab*lc	0.0	0.25	0.14

relative Inform. Technology (IT)

ohv3*	1.0	0.0	0.0	(1.0)
cmv3*	0.0	1.0	1.0	(0.0)
ohv3**	0.966	0.295	0.22	(1.0)
cmv3**	0.034	0.705	0.78	(0.0)

standard and adapted CIELAB

LAB*LAB	47.42	45.8	31.51
LAB*LABa	47.42	46.74	34.86
LAB*LABb	62.5	58.31	36.72

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv3**	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	75.0	0.0	-0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.75	0.0	0.0
lab*lr	0.75	0.0	0.0
lab*lc	0.0	0.75	0.0
lab*nc	0.0	0.0	0.75

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.5	(1.0)
cmv3*	0.25	0.5	0.5	(0.0)
ohv3**	0.765	0.522	0.47	(1.0)
cmv3**	0.235	0.478	0.53	(0.0)

standard and adapted CIELAB

LAB*LAB	55.69	14.79	7.94
LAB*LABa	55.69	15.58	11.62
LAB*LABb	62.5	19.44	36.72

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*lrj	0.653	0.487	0.112
lab*lr	0.75	0.5	0.036
lab*lc	0.0	0.5	0.14

relative Inform. Technology (IT)

ohv3*	1.0	0.0	0.0	(1.0)
cmv3*	0.0	1.0	1.0	(0.0)
ohv3**	0.966	0.295	0.22	(1.0)
cmv3**	0.034	0.705	0.78	(0.0)

standard and adapted CIELAB

LAB*LAB	47.42	45.8	31.51
LAB*LABa	47.42	46.74	34.86
LAB*LABb	62.5	58.31	36.72

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

relative Inform. Technology (IT)

ohv3*	1.0	0.0	0.0	(1.0)
cmv3*	0.0	1.0	1.0	(0.0)
ohv3**	0.966	0.295	0.22	(1.0)
cmv3**	0.034	0.705	0.78	(0.0)

standard and adapted CIELAB

LAB*LAB	47.42	45.8	31.51
LAB*LABa	47.42	46.74	34.86
LAB*LABb	62.5	58.31	36.72

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.25	0.244	0.056
lab*lr	0.75	0.25	0.036
lab*lc	0.0	0.25	0.14

relative Inform. Technology (IT)

ohv3*	1.0	0.0	0.0	(1.0)
cmv3*	0.0	1.0	1.0	(0.0)
ohv3**	0.966	0.295	0.22	(1.0)
cmv3**	0.034	0.705	0.78	(0.0)

standard and adapted CIELAB

LAB*LAB	47.42	45.8	31.51
LAB*LABa	47.42	46.74	34.86
LAB*LABb	62.5	58.31	36.72

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.0	0.0	0.0
lab*lr	0.75	0.5	0.036
lab*lc	0.0	0.5	0.14

relative Inform. Technology (IT)

ohv3*	1.0	0.0	0.0	(1.0)
cmv3*	0.0	1.0	1.0	(0.0)
ohv3**	0.966	0.295	0.22	(1.0)
cmv3**	0.034	0.705	0.78	(0.0)

standard and adapted CIELAB

LAB*LAB	47.42	45.8	31.51
LAB*LABa	47.42	46.74	34.86
LAB*LABb	62.5	58.31	36.72

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv3**	0.546	0.52	0.498	(1.0)
cmv3**	0.454	0.48	0.402	(0.0)

standard and adapted CIELAB

LAB*LAB	49.11	-0.89	-3.42
LAB*LABa	49.11	0.0	-0.0
LAB*LABb	50.0	0.0	-0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*lr	0.5	0.0	0.0
lab*lc	0.0	0.5	0.0
lab*nc	0.0	0.0	0.5

relative Inform. Technology (IT)

ohv3*	0.75	0.25	0.25	(1.0)
cmv3*	0.25	0.75	0.75	(0.0)
ohv3**	0.734	0.037	0.0	(1.0)
cmv3**	0.266	0.963	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	40.84	30.12	20.15
LAB*LABa	40.84	31.16	23.24
LAB*LABb	50.0	38.87	36.72

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.404	0.487	0.112
lab*lr	0.5	0.5	0.036
lab*lc	0.0	0.5	0.14

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.0	(1.0)
cmv3*	0.25	1.0	1.0	(0.0)
ohv3**	0.734	0.037	0.0	(1.0)
cmv3**	0.266	0.963	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	26.0	45.4	32.35
LAB*LABa	26.0	46.74	34.86
LAB*LABb	37.51	58.31	36.72

relative CIELAB lab*

lab*lab	0.307	0.801	0.598
lab*ch	0.5	1.0	0.102
lab*nch	0.0	1.0	0.102

relative Natural Colour (NC)

lab*lrj	0.307	0.974	0.224
lab*lr	0.5	1.0	0.036
lab*lc	0.0	1.0	0.14

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv3**	0.546	0.52	0.498	(1.0)
cmv3**	0.454	0.48	0.402	(0.0)

standard and adapted CIELAB

LAB*LAB	49.11	-0.89	-3.42
LAB*LABa	49.11	0.0	-0.0
LAB*LABb	50.0	0.0	-0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.25	0.244	0.056
lab*lr	0.75	0.25	0.036
lab*lc	0.0	0.25	0.14

relative Inform. Technology (IT)

ohv3*	0.75	0.25	0.25	(1.0)
cmv3*	0.25	0.75	0.75	(0.0)
ohv3**	0.734	0.037	0.0	(1.0)
cmv3**	0.266	0.963	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	40.84	30.12	20.15
LAB*LABa	40.84	31.16	23.24
LAB*LABb	50.0	38.87	36.72

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.25	0.244	0.056
lab*lr	0.75	0.25	0.036
lab*lc	0.0	0.25	0.14

relative Inform. Technology (IT)

ohv3*	1.0	0.0	0.0	(1.0)
cmv3*	0.0	1.0	1.0	(0.0)
ohv3**	0.966	0.295	0.22	(1.0)
cmv3**	0.034	0.705	0.78	(0.0)

standard and adapted CIELAB

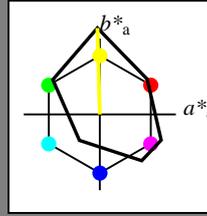
Eingabe: Farbmetrisches Drucker-Reflektiv-System FRS06

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)

ohv3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
ohv3**	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	91.99	0.01	-

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*lrj	1.0	0.0	0.0
lab*lrc	0.0	1.0	0.0
lab*lrc	0.0	0.0	1.0

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.75	(1.0)
cmyn3*	0.0	0.0	0.25	(0.0)
ohv3**	1.0	1.0	0.75	(1.0)
cmyn3**	0.0	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	89.65	-1.0	23.47
LAB*LABa	89.65	-0.78	28.49
LAB*LABb	87.5	28.5	91.59

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
ohv3**	0.75	0.75	0.75	(1.0)
cmyn3**	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	70.54	-0.53	-4.26
LAB*LABa	70.54	0.0	-
LAB*LABb	75.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.75	0.0	0.0
lab*lrc	0.0	0.75	0.0
lab*lrc	0.0	0.0	0.75

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.25	(1.0)
cmyn3*	0.25	0.25	0.75	(0.0)
ohv3**	0.75	0.75	0.25	(1.0)
cmyn3**	0.25	0.25	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	87.34	-1.58	56.98
LAB*LABa	87.34	-1.58	56.98
LAB*LABb	75.0	57.0	91.59

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmyn3*	0.5	0.5	0.5	(0.0)
ohv3**	0.5	0.5	0.5	(0.0)
cmyn3**	0.5	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	49.11	-0.89	-3.42
LAB*LABa	49.11	0.0	-
LAB*LABb	50.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*lrc	0.0	0.5	0.0
lab*lrc	0.0	0.0	0.5

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.0	(1.0)
cmyn3*	0.25	0.25	0.0	(0.0)
ohv3**	0.75	0.75	0.0	(1.0)
cmyn3**	0.25	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	65.92	-2.2	52.91
LAB*LABa	65.92	-1.58	56.99
LAB*LABb	50.0	57.0	91.59

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
ohv3**	0.25	0.25	0.25	(1.0)
cmyn3**	0.75	0.75	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	27.68	-1.35	-2.57
LAB*LABa	27.68	0.0	-
LAB*LABb	25.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.25	0.0	0.0
lab*lrc	0.0	0.25	0.0
lab*lrc	0.0	0.0	0.25

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.0	(1.0)
cmyn3*	0.5	0.5	0.0	(0.0)
ohv3**	0.5	0.5	0.0	(1.0)
cmyn3**	0.5	0.5	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	44.49	-1.58	56.98
LAB*LABa	44.49	-1.58	56.98
LAB*LABb	25.0	57.0	91.59

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
ohv3**	0.0	0.0	0.0	(1.0)
cmyn3**	1.0	1.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	6.26	0.0	1.3
LAB*LABa	6.26	0.0	1.3
LAB*LABb	0.0	0.0	1.01

relative CIELAB lab*

lab*lab	0.0	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*lrj	0.0	0.0	0.0
lab*lrc	0.0	1.0	0.0
lab*lrc	0.0	0.0	1.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.0	(1.0)
cmyn3*	0.75	0.75	0.0	(0.0)
ohv3**	0.25	0.25	0.0	(1.0)
cmyn3**	0.75	0.75	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	25.37	-0.78	28.49
LAB*LABa	25.37	-0.78	28.49
LAB*LABb	12.5	28.5	91.59

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
ohv3**	0.0	0.0	0.0	(1.0)
cmyn3**	1.0	1.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	0.0	0.0	0.0
LAB*LABa	0.0	1.0	0.0
LAB*LABb	0.0	0.0	1.0

relative CIELAB lab*

lab*lab	0.0	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*lrj	0.0	0.0	0.0
lab*lrc	0.0	1.0	0.0
lab*lrc	0.0	0.0	1.0

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
ohv3**	1.0	1.0	1.0	(0.0)
cmyn3**	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	0.0	0.0	0.0
LAB*LABa	0.0	1.0	0.0
LAB*LABb	0.0	0.0	1.0

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

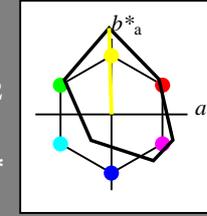
Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS06

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)

ohv3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
ohv3**	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	91.99	0.01	-

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*lrj	1.0	0.0	0.0
lab*lrc	0.0	1.0	0.0
lab*lrc	0.0	0.0	1.0

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.75	(1.0)
cmyn3*	0.0	0.0	0.25	(0.0)
ohv3**	1.0	1.0	0.75	(1.0)
cmyn3**	0.0	0.0	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	89.65	-1.0	23.47
LAB*LABa	89.65	-0.78	28.49
LAB*LABb	87.5	28.5	91.59

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
ohv3**	0.75	0.75	0.75	(1.0)
cmyn3**	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	70.54	-0.53	-4.26
LAB*LABa	70.54	0.0	-
LAB*LABb	75.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.75	0.0	0.0
lab*lrc	0.0	0.75	0.0
lab*lrc	0.0	0.0	0.75

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.25	(1.0)
cmyn3*	0.25	0.25	0.75	(0.0)
ohv3**	0.75	0.75	0.25	(1.0)
cmyn3**	0.25	0.25	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	87.34	-1.58	56.98
LAB*LABa	87.34	-1.58	56.98
LAB*LABb	75.0	57.0	91.59

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmyn3*	0.5	0.5	0.5	(0.0)
ohv3**	0.5	0.5	0.5	(0.0)
cmyn3**	0.5	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	49.11	-0.89	-3.42
LAB*LABa	49.11	0.0	-
LAB*LABb	50.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*lrc	0.0	0.5	0.0
lab*lrc	0.0	0.0	0.5

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.0	(1.0)
cmyn3*	0.25	0.25	0.0	(0.0)
ohv3**	0.75	0.75	0.0	(1.0)
cmyn3**	0.25	0.25	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	65.92	-2.2	52.91
LAB*LABa	65.92	-1.58	56.99
LAB*LABb	50.0	57.0	91.59

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
ohv3**	0.25	0.25	0.25	(1.0)
cmyn3**	0.75	0.75	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	27.68	-1.35	-2.57
LAB*LABa	27.68	0.0	-
LAB*LABb	25.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.25	0.0	0.0
lab*lrc	0.0	0.25	0.0
lab*lrc	0.0	0.0	0.25

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.0	(1.0)
cmyn3*	0.5	0.5	0.0	(0.0)
ohv3**	0.5	0.5	0.0	(1.0)
cmyn3**	0.5	0.5	0.0	(0.0)

standard and adapted CIELAB

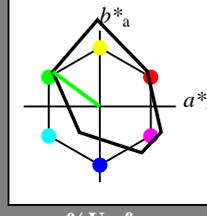
LAB*LAB	44.49	-1.
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Eingabe: Farbmetrisches Drucker-Reflektiv-System FRS06

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)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
obv3**	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	91.99	0.01	-

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*lrj	1.0	0.0	0.0
lab*lrce	0.0	1.0	0.0
lab*lrnc	0.0	0.0	1.0

relative Inform. Technology (IT)

obv3*	0.75	1.0	0.75	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
obv3**	0.764	0.927	0.717	(1.0)
cmv3**	0.236	0.073	0.283	(0.0)

standard and adapted CIELAB

LAB*LAB	78.83	-15.84	6.86
LAB*LABa	78.83	-15.43	11.45
LAB*LABb	87.5	19.23	143.44

relative CIELAB lab*

lab*lab	0.847	-0.2	0.149
lab*ch	0.875	0.25	0.398
lab*nch	0.0	0.25	0.398

relative Natural Colour (NC)

lab*lrj	0.847	-0.235	0.083
lab*lrce	0.875	0.25	0.446
lab*lrnc	0.0	0.25	0.446

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
obv3**	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	-
LAB*LABb	75.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.75	0.0	0.0
lab*lrce	0.0	0.0	0.0
lab*lrnc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.5	1.0	0.5	(1.0)
cmv3*	0.5	0.0	0.5	(0.0)
obv3**	0.545	0.67	0.488	(1.0)
cmv3**	0.455	0.32	0.512	(0.0)

standard and adapted CIELAB

LAB*LAB	57.41	-16.21	7.71
LAB*LABa	57.41	-15.44	11.46
LAB*LABb	62.5	19.24	143.44

relative CIELAB lab*

lab*lab	0.693	-0.401	0.298
lab*ch	0.75	0.5	0.398
lab*nch	0.0	0.5	0.398

relative Natural Colour (NC)

lab*lrj	0.693	-0.471	0.166
lab*lrce	0.75	0.5	0.446
lab*lrnc	0.0	0.5	0.446

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
obv3**	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	-
LAB*LABb	50.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*lrce	0.0	0.0	0.0
lab*lrnc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.75	0.25	(1.0)
cmv3*	0.75	0.25	0.75	(0.0)
obv3**	0.321	0.438	0.252	(1.0)
cmv3**	0.679	0.562	0.742	(0.0)

standard and adapted CIELAB

LAB*LAB	35.98	-16.57	8.56
LAB*LABa	35.98	-15.44	11.46
LAB*LABb	37.5	19.24	143.44

relative CIELAB lab*

lab*lab	0.441	-0.401	0.298
lab*ch	0.5	0.5	0.398
lab*nch	0.0	0.5	0.398

relative Natural Colour (NC)

lab*lrj	0.441	-0.471	0.166
lab*lrce	0.5	0.5	0.446
lab*lrnc	0.0	0.5	0.446

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
obv3**	0.682	0.7	0.734	(0.0)
cmv3**	0.318	0.3	0.266	(1.0)

standard and adapted CIELAB

LAB*LAB	27.68	0.0	-3.57
LAB*LABa	27.68	0.0	-
LAB*LABb	25.0	0.01	-

relative CIELAB lab*

lab*lab	0.347	-0.235	0.083
lab*ch	0.375	0.25	0.398
lab*nch	0.0	0.25	0.398

relative Natural Colour (NC)

lab*lrj	0.347	-0.235	0.083
lab*lrce	0.375	0.25	0.446
lab*lrnc	0.0	0.25	0.446

relative Inform. Technology (IT)

obv3*	0.0	1.0	0.0	(1.0)
cmv3*	1.0	0.5	1.0	(0.0)
obv3**	0.937	0.631	0.993	(1.0)
cmv3**	0.063	0.369	0.007	(1.0)

standard and adapted CIELAB

LAB*LAB	22.85	-30.88	22.91
LAB*LABa	22.85	-30.88	22.91
LAB*LABb	25.0	38.46	143.44

relative CIELAB lab*

lab*lab	0.194	-0.401	0.298
lab*ch	0.25	0.5	0.398
lab*nch	0.0	0.5	0.398

relative Natural Colour (NC)

lab*lrj	0.194	-0.471	0.166
lab*lrce	0.25	0.5	0.446
lab*lrnc	0.0	0.5	0.446

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
obv3**	1.0	1.0	1.0	(0.0)
cmv3**	0.0	0.0	0.0	(1.0)

standard and adapted CIELAB

LAB*LAB	6.26	0.0	0.0
LAB*LABa	6.26	0.0	0.0
LAB*LABb	0.0	0.0	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.0	0.0	0.0
lab*lrce	0.0	0.0	0.0
lab*lrnc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.097	-0.2	0.149
cmv3*	0.125	0.25	0.398
obv3**	0.097	0.125	0.083
cmv3**	0.125	0.25	0.446

standard and adapted CIELAB

LAB*LAB	6.26	0.0	0.0
LAB*LABa	6.26	0.0	0.0
LAB*LABb	0.0	0.0	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.0	0.0	0.0
lab*lrce	0.0	0.0	0.0
lab*lrnc	0.0	0.0	0.0

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
obv3**	1.0	1.0	1.0	(0.0)
cmv3**	0.0	0.0	0.0	(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

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*lrj	0.0	0.0	0.0
lab*lrce	0.0	0.0	0.0
lab*lrnc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
obv3**	1.0	1.0	1.0	(0.0)
cmv3**	0.0	0.0	0.0	(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

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*lrj	0.0	0.0	0.0
lab*lrce	0.0	0.0	0.0
lab*lrnc	0.0	0.0	0.0

%Regularität

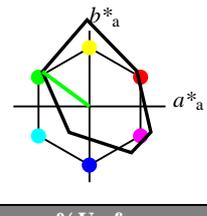
$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

Ausgabe: 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)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
obv3**	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	91.99	0.01	-

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*lrj	1.0	0.0	0.0
lab*lrce	0.0	1.0	0.0
lab*lrnc	0.0	0.0	1.0

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
obv3**	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	-
LAB*LABb	75.0	0.01	-

relative CIELAB lab*

lab*lab	0.847	-0.2	0.149
lab*ch	0.875	0.25	0.398
lab*nch	0.0	0.25	0.398

relative Natural Colour (NC)

lab*lrj	0.847	-0.235	0.083
lab*lrce	0.875	0.25	0.446
lab*lrnc	0.0	0.25	0.446

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
obv3**	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	-
LAB*LABb	50.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*lrce	0.0	0.0	0.0
lab*lrnc	0.0	0.0	0.0

%Regularität

$g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

relative Inform. Technology (IT)

obv3*	0.25	0.75	0.25	(1.0)
cmv3*	0.75	0.25	0.75	(0.0)
obv3**	0.321	0.438	0.252	(1.0)
cmv3**	0.679	0.562	0.742	(0.0)

standard and adapted CIELAB

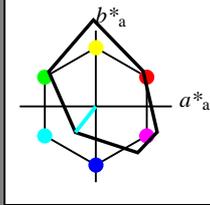
LAB*LAB	35.98	-16.57	8.
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Eingabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 232/360 = 0.644$
 lab^*ich und lab^*nch

D65: Buntton C
 LCH*Ma: 48 43 232
 olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)	
ohv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.0 0.0 0.0 (0.0)
ohv3**	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*TCHa	99.99 0.01 -

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 -
relative Natural Colour (NC)	
lab*trj	0.75 0.0 0.0
lab*trc	1.0 0.0 -
lab*trcE	0.0 0.0 -

relative Inform. Technology (IT)	
ohv3*	0.75 0.75 0.75 (1.0)
cmv3*	0.25 0.25 0.25 (0.0)
ohv3**	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*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	0.25 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*trcE	0.25 0.0 0.0

relative Inform. Technology (IT)	
ohv3*	0.5 0.5 0.5 (0.0)
cmv3*	0.5 0.5 0.5 (0.0)
ohv3**	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*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	0.5 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*trcE	0.5 0.0 0.0

relative Inform. Technology (IT)	
ohv3*	0.25 0.25 0.25 (1.0)
cmv3*	0.75 0.75 0.75 (0.0)
ohv3**	0.329 0.44 0.453 (1.0)
cmv3**	0.671 0.59 0.597 (0.0)
standard and adapted CIELAB	
LAB*LAB	27.06 -1.67 -9.66
LAB*LABa	27.06 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	0.25 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*trcE	0.75 0.0 0.0

relative Inform. Technology (IT)	
ohv3*	0.0 0.0 0.0 (1.0)
cmv3*	1.0 1.0 1.0 (0.0)
ohv3**	0.0 0.0 0.0 (0.0)
cmv3**	1.0 1.0 1.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	6.26 0.0 0.0
LAB*LABa	6.26 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	1.0 0.0 0.0
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0
lab*trc	1.0 0.0 0.0
lab*trcE	1.0 0.0 0.0

relative Inform. Technology (IT)	
ohv3*	0.75 1.0 1.0 (1.0)
cmv3*	0.25 0.0 0.0 (0.0)
ohv3**	0.786 0.922 0.938 (1.0)
cmv3**	0.214 0.078 0.062 (0.0)
standard and adapted CIELAB	
LAB*LAB	80.94 -7.05 -13.22
LAB*LABa	80.94 -6.69 -8.55
LAB*TCHa	87.5 10.87 231.95

relative CIELAB lab*	
lab*lab	0.75 0.0 0.0
lab*ch	0.875 0.25 0.644
lab*nch	0.0 0.25 0.644
relative Natural Colour (NC)	
lab*trj	0.875 0.25 0.666
lab*trc	0.875 0.25 0.666
lab*trcE	0.0 0.25 0.644

relative Inform. Technology (IT)	
ohv3*	0.5 0.75 0.75 (1.0)
cmv3*	0.5 0.25 0.25 (0.0)
ohv3**	0.565 0.679 0.687 (1.0)
cmv3**	0.435 0.321 0.313 (0.0)
standard and adapted CIELAB	
LAB*LAB	59.51 -7.42 -12.28
LAB*LABa	59.51 -6.69 -8.55
LAB*TCHa	62.5 10.87 231.95

relative CIELAB lab*	
lab*lab	0.621 -0.132 -0.21
lab*ch	0.875 0.25 0.666
lab*nch	0.0 0.25 0.644
relative Natural Colour (NC)	
lab*trj	0.621 -0.132 -0.21
lab*trc	0.625 0.25 0.666
lab*trcE	0.25 0.25 0.644

relative Inform. Technology (IT)	
ohv3*	0.25 0.5 0.5 (1.0)
cmv3*	0.75 0.5 0.5 (0.0)
ohv3**	0.329 0.44 0.453 (1.0)
cmv3**	0.671 0.59 0.597 (0.0)
standard and adapted CIELAB	
LAB*LAB	38.08 -7.78 -11.54
LAB*LABa	38.08 -6.69 -8.55
LAB*TCHa	37.5 10.87 231.95

relative CIELAB lab*	
lab*lab	0.371 -0.153 -0.196
lab*ch	0.375 0.25 0.644
lab*nch	0.375 0.25 0.644
relative Natural Colour (NC)	
lab*trj	0.371 -0.132 -0.21
lab*trc	0.375 0.25 0.666
lab*trcE	0.25 0.25 0.644

relative Inform. Technology (IT)	
ohv3*	0.0 0.5 0.5 (1.0)
cmv3*	1.0 0.5 0.5 (0.0)
ohv3**	0.041 0.385 0.671 (1.0)
cmv3**	0.959 0.415 0.329 (0.0)
standard and adapted CIELAB	
LAB*LAB	37.46 -21.19 -28.63
LAB*LABa	37.46 -20.09 -25.67
LAB*TCHa	37.51 32.61 231.95

relative CIELAB lab*	
lab*lab	0.364 -0.461 -0.59
lab*ch	0.375 0.25 0.644
lab*nch	0.25 0.75 0.644
relative Natural Colour (NC)	
lab*trj	0.364 -0.399 -0.633
lab*trc	0.375 0.25 0.666
lab*trcE	0.25 0.75 0.644

relative Inform. Technology (IT)	
ohv3*	0.0 0.0 0.5 (1.0)
cmv3*	1.0 0.0 0.5 (0.0)
ohv3**	0.0 0.0 0.0 (0.0)
cmv3**	1.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	27.06 -1.67 -9.66
LAB*LABa	27.06 0.0 0.0
LAB*TCHa	25.00 0.01 -

FRS06; adaptierte CIELAB-Daten

$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

%Regularität

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

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

relative Inform. Technology (IT)	
ohv3*	0.5 1.0 1.0 (1.0)
cmv3*	0.5 0.0 0.0 (0.0)
ohv3**	0.578 0.855 0.891 (1.0)
cmv3**	0.422 0.148 0.163 (0.0)
standard and adapted CIELAB	
LAB*LAB	69.91 -13.39 -21.35
LAB*LABa	69.91 -13.39 -17.11
LAB*TCHa	75.0 21.74 231.95

relative CIELAB lab*	
lab*lab	0.743 -0.307 -0.393
lab*ch	0.75 0.5 0.644
lab*nch	0.0 0.5 0.644
relative Natural Colour (NC)	
lab*trj	0.743 -0.266 -0.422
lab*trc	0.75 0.5 0.666
lab*trcE	0.0 0.5 0.644

relative Inform. Technology (IT)	
ohv3*	0.25 1.0 1.0 (1.0)
cmv3*	0.75 0.0 0.0 (0.0)
ohv3**	0.316 0.81 0.871 (1.0)
cmv3**	0.684 0.19 0.129 (0.0)
standard and adapted CIELAB	
LAB*LAB	58.88 -20.83 -29.48
LAB*LABa	58.88 -20.09 -25.67
LAB*TCHa	62.5 32.61 231.95

relative CIELAB lab*	
lab*lab	0.614 -0.461 -0.59
lab*ch	0.625 0.75 0.644
lab*nch	0.0 0.75 0.644
relative Natural Colour (NC)	
lab*trj	0.614 -0.399 -0.633
lab*trc	0.625 0.75 0.666
lab*trcE	0.0 0.75 0.644

relative Inform. Technology (IT)	
ohv3*	0.0 0.75 0.75 (1.0)
cmv3*	1.0 0.25 0.25 (0.0)
ohv3**	0.041 0.385 0.671 (1.0)
cmv3**	0.959 0.415 0.329 (0.0)
standard and adapted CIELAB	
LAB*LAB	37.46 -21.19 -28.63
LAB*LABa	37.46 -20.09 -25.67
LAB*TCHa	37.51 32.61 231.95

relative CIELAB lab*	
lab*lab	0.364 -0.461 -0.59
lab*ch	0.375 0.25 0.644
lab*nch	0.25 0.75 0.644
relative Natural Colour (NC)	
lab*trj	0.364 -0.399 -0.633
lab*trc	0.375 0.25 0.666
lab*trcE	0.25 0.75 0.644

relative Inform. Technology (IT)	
ohv3*	0.0 0.5 0.5 (1.0)
cmv3*	1.0 0.5 0.5 (0.0)
ohv3**	0.041 0.385 0.671 (1.0)
cmv3**	0.959 0.415 0.329 (0.0)
standard and adapted CIELAB	
LAB*LAB	37.46 -21.19 -28.63
LAB*LABa	37.46 -20.09 -25.67
LAB*TCHa	37.51 32.61 231.95

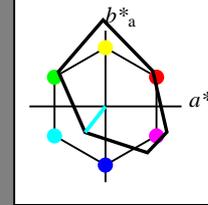
relative CIELAB lab*	
lab*lab	0.364 -0.461 -0.59
lab*ch	0.375 0.25 0.644
lab*nch	0.25 0.75 0.644
relative Natural Colour (NC)	
lab*trj	0.364 -0.399 -0.633
lab*trc	0.375 0.25 0.666
lab*trcE	0.25 0.75 0.644

Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 232/360 = 0.644$
 lab^*tch und lab^*nch

D65: Buntton C
 LCH*Ma: 48 43 232
 olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)	
ohv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.0 0.0 0.0 (0.0)
ohv3**	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*TCHa	99.99 0.01 -

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 -
relative Natural Colour (NC)	
lab*trj	0.75 0.0 0.0
lab*trc	1.0 0.0 -
lab*trcE	0.0 0.0 -

relative Inform. Technology (IT)	
ohv3*	0.75 0.75 0.75 (1.0)
cmv3*	0.25 0.25 0.25 (0.0)
ohv3**	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*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	0.25 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*trcE	0.25 0.0 0.0

relative Inform. Technology (IT)	
ohv3*	0.5 0.5 0.5 (1.0)
cmv3*	0.5 0.5 0.5 (0.0)
ohv3**	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*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	0.5 0.0 0.0
relative Natural Colour (NC)	
lab*trj	0.5 0.0 0.0

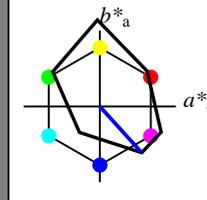
Eingabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 312/360 = 0.867$

lab^*ch und lab^*nch

D65: Buntton V
 LCH*Ma: 10 82 312
 olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv3**	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*TLCh	99.99	0.01	-

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*lj	0.75	0.0	0.0
lab*lc	1.0	0.0	0.0
lab*nc	0.0	0.0	1.0

%Regularität

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

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

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv3**	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	-
LAB*TLCh	75.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lj	0.75	0.0	0.0
lab*lc	0.75	0.0	0.0
lab*nc	0.0	0.75	0.0

%Regularität

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

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

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv3**	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*TLCh	50.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lj	0.5	0.0	0.0
lab*lc	0.5	0.0	0.0
lab*nc	0.0	0.5	0.0

%Regularität

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

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

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv3**	0.318	0.3	0.25	(1.0)
cmv3**	0.682	0.7	0.734	(0.0)

standard and adapted CIELAB

LAB*LAB	27.68	1.3	-3.57
LAB*LABa	27.68	0.0	0.0
LAB*TLCh	25.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lj	0.25	0.0	0.0
lab*lc	0.25	0.0	0.0
lab*nc	0.0	0.25	0.0

%Regularität

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

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

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv3**	1.0	1.0	1.0	(0.0)
cmv3**	0.0	0.0	0.0	(1.0)

standard and adapted CIELAB

LAB*LAB	6.26	6.26	6.26
LAB*LABa	6.26	0.0	0.0
LAB*TLCh	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	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*lj	0.0	1.0	0.0
lab*lc	0.0	1.0	0.0
lab*nc	0.0	0.0	1.0

%Regularität

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

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

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv3**	1.0	1.0	1.0	(0.0)
cmv3**	0.0	0.0	0.0	(1.0)

standard and adapted CIELAB

LAB*LAB	6.26	6.26	6.26
LAB*LABa	6.26	0.0	0.0
LAB*TLCh	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	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*lj	0.0	1.0	0.0
lab*lc	0.0	1.0	0.0
lab*nc	0.0	0.0	1.0

%Regularität

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

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

VG250-7, 5 stufige Reihen für konstanten CIELAB Buntton $312/360 = 0.867$ (links)

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

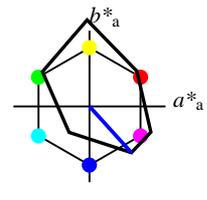
D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne

Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 312/360 = 0.867$

lab^*ch und lab^*nch

D65: Buntton V
 LCH*Ma: 10 82 312
 olv*Ma: 0.0 0.0 1.0



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv3**	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*TLCh	99.99	0.01	-

%Regularität

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

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

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv3**	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	-
LAB*TLCh	75.0	0.01	-

%Regularität

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

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

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv3**	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*TLCh	50.0	0.01	-

%Regularität

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

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

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv3**	1.0	1.0	1.0	(0.0)
cmv3**	0.0	0.0	0.0	(1.0)

standard and adapted CIELAB

LAB*LAB	6.26	6.26	6.26
LAB*LABa	6.26	0.0	0.0
LAB*TLCh	0.0	0.0	0.0

%Regularität

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

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

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv3**	1.0	1.0	1.0	(0.0)
cmv3**	0.0	0.0	0.0	(1.0)

standard and adapted CIELAB

LAB*LAB	6.26	6.26	6.26
LAB*LABa	6.26	0.0	0.0
LAB*TLCh	0.0	0.0	0.0

%Regularität

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

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

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv3**	1.0	1.0	1.0	(0.0)
cmv3**	0.0	0.0	0.0	(1.0)

standard and adapted CIELAB

LAB*LAB	6.26	6.26	6.26
LAB*LABa	6.26	0.0	0.0
LAB*TLCh	0.0	0.0	0.0

%Regularität

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

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

5 stufige Reihen für konstanten CIELAB Buntton $312/360 = 0.867$ (rechts)

BAM-Material: Code=thakata

Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen, Yr=2.5, XYZ

BAM-Registrierung: 20060101-VG25/10L/L25G04FP.PS/.PDF BAM-Material: Code=thakata
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen, Yr=2.5, XYZ
 VG25/ Form 5/10, Serie: 1/1, Seite: 5
 Seitenhang 1

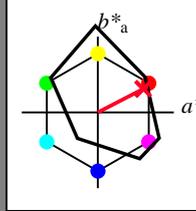
Eingabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 27/360 = 0.076$

lab^*ch und lab^*nch

D65: Buntton R
 LCH*Ma: 33 73 27
 olv*Ma: 1.0 0.0 0.16

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv3**	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*LABc	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*ljr	0.0	0.0	0.0	
lab*ljc	1.0	0.0	0.0	
lab*lcc	0.0	0.0	1.0	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv3**	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*LABc	70.54	0.0	0.0	

relative CIELAB lab*

lab*lab	0.75	0.0	0.0	
lab*ch	0.0	0.75	0.0	
lab*nch	0.0	0.0	0.75	
relative Natural Colour (NC)				
lab*ljr	0.75	0.0	0.0	
lab*ljc	0.0	0.75	0.0	
lab*lcc	0.0	0.0	0.75	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv3**	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*LABc	49.11	0.0	0.0	

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	
lab*ch	0.0	0.5	0.0	
lab*nch	0.0	0.0	0.5	
relative Natural Colour (NC)				
lab*ljr	0.5	0.0	0.0	
lab*ljc	0.0	0.5	0.0	
lab*lcc	0.0	0.0	0.5	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv3**	0.682	0.7	0.734	(0.0)
cmv3**	0.318	0.3	0.266	(1.0)
standard and adapted CIELAB				
LAB*LAB	27.68	1.0	-3.57	
LAB*LABa	27.68	0.0	0.0	
LAB*LABc	27.68	0.0	0.0	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	
lab*ch	0.0	0.25	0.0	
lab*nch	0.0	0.0	0.25	
relative Natural Colour (NC)				
lab*ljr	0.25	0.0	0.0	
lab*ljc	0.0	0.25	0.0	
lab*lcc	0.0	0.0	0.25	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv3**	1.0	1.0	1.0	(0.0)
cmv3**	0.0	0.0	0.0	(1.0)
standard and adapted CIELAB				
LAB*LAB	6.26	0.0	0.0	
LAB*LABa	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	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
relative Natural Colour (NC)				
lab*ljr	0.0	1.0	0.0	
lab*ljc	0.0	0.0	1.0	
lab*lcc	0.0	0.0	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
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

%Regularität

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

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

relative Inform. Technology (IT)

ohv3*	1.0	0.5	0.5	(1.0)
cmv3*	0.0	0.5	0.5	(0.0)
ohv3**	0.996	0.755	0.714	(1.0)
cmv3**	0.004	0.245	0.286	(0.0)
standard and adapted CIELAB				
LAB*LAB	77.19	15.87	3.93	
LAB*LABa	77.19	16.3	8.46	
LAB*LABc	77.19	16.3	8.46	

relative CIELAB lab*

lab*lab	0.655	0.444	0.23	
lab*ch	0.0	0.655	0.0	
lab*nch	0.0	0.0	0.655	
relative Natural Colour (NC)				
lab*ljr	0.655	0.0	0.0	
lab*ljc	0.0	0.655	0.0	
lab*lcc	0.0	0.0	0.655	

relative Inform. Technology (IT)

ohv3*	1.0	0.25	0.25	(1.0)
cmv3*	0.0	0.75	0.671	(0.0)
ohv3**	0.978	0.288	0.28	(1.0)
cmv3**	0.022	0.712	0.712	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.64	47.97	22.02	
LAB*LABa	47.64	48.9	25.39	
LAB*LABc	47.64	48.9	25.39	

relative CIELAB lab*

lab*lab	0.483	0.666	0.346	
lab*ch	0.0	0.483	0.0	
lab*nch	0.0	0.0	0.483	
relative Natural Colour (NC)				
lab*ljr	0.483	0.0	0.0	
lab*ljc	0.0	0.483	0.0	
lab*lcc	0.0	0.0	0.483	

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.157	(1.0)
cmv3*	0.25	1.0	0.843	(0.0)
ohv3**	0.743	0.027	0.131	(1.0)
cmv3**	0.257	0.973	0.869	(0.0)
standard and adapted CIELAB				
LAB*LAB	32.88	64.01	31.07	
LAB*LABa	32.88	65.19	33.85	
LAB*LABc	32.88	65.19	33.85	

relative CIELAB lab*

lab*lab	0.311	0.887	0.461	
lab*ch	0.0	0.311	0.0	
lab*nch	0.0	0.0	0.311	
relative Natural Colour (NC)				
lab*ljr	0.311	0.0	0.0	
lab*ljc	0.0	0.311	0.0	
lab*lcc	0.0	0.0	0.311	

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.182	(0.0)
cmv3*	0.5	1.0	0.921	(0.0)
ohv3**	0.545	0.03	0.277	(1.0)
cmv3**	0.455	0.967	0.723	(0.0)
standard and adapted CIELAB				
LAB*LAB	19.57	31.19	14.68	
LAB*LABa	19.57	32.16	16.93	
LAB*LABc	19.57	32.16	16.93	

relative CIELAB lab*

lab*lab	0.155	0.444	0.23	
lab*ch	0.0	0.155	0.0	
lab*nch	0.0	0.0	0.155	
relative Natural Colour (NC)				
lab*ljr	0.155	0.0	0.0	
lab*ljc	0.0	0.155	0.0	
lab*lcc	0.0	0.0	0.155	

$n^* = 0.50$

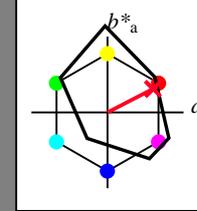
Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 27/360 = 0.076$

lab^*ch und lab^*nch

D65: Buntton R
 LCH*Ma: 33 73 27
 olv*Ma: 1.0 0.0 0.16

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv3**	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*LABc	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*ljr	1.0	0.0	0.0	
lab*ljc	0.0	1.0	0.0	
lab*lcc	0.0	0.0	1.0	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv3**	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*LABc	70.54	0.0	0.0	

relative CIELAB lab*

lab*lab	0.75	0.0	0.0	
lab*ch	0.0	0.75	0.0	
lab*nch	0.0	0.0	0.75	
relative Natural Colour (NC)				
lab*ljr	0.75	0.0	0.0	
lab*ljc	0.0	0.75	0.0	
lab*lcc	0.0	0.0	0.75	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv3**	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*LABc	49.11	0.0	0.0	

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	
lab*ch	0.0	0.5	0.0	
lab*nch	0.0	0.0	0.5	
relative Natural Colour (NC)				
lab*ljr	0.5	0.0	0.0	
lab*ljc	0.0	0.5	0.0	
lab*lcc	0.0	0.0	0.5	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv3**	0.682	0.7	0.734	(0.0)
cmv3**	0.318	0.3	0.266	(1.0)
standard and adapted CIELAB				
LAB*LAB	27.68	1.0	-3.57	
LAB*LABa	27.68	0.0	0.0	
LAB*LABc	27.68	0.0	0.0	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	
lab*ch	0.0	0.25	0.0	
lab*nch	0.0	0.0	0.25	
relative Natural Colour (NC)				
lab*ljr	0.25	0.0	0.0	
lab*ljc	0.0	0.25	0.0	
lab*lcc	0.0	0.0	0.25	

relative Inform. Technology (IT)

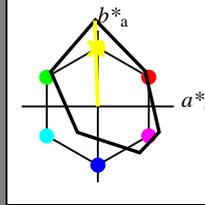
ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv3**	1.0	1.0	1.0	(0.0)
cmv3**	0.0	0.0	0.0	(1.0)
standard and adapted CIELAB				
LAB*LAB	6.26	0.0	0.0	
LAB*LABa	6.26	0.0	0.0	

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^*



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv3*	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*LAB	91.97	0.0	0.0
LAB*LAB	91.97	0.0	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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv3*	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*LAB	70.54	0.0	0.0
LAB*LAB	70.54	0.0	0.0

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

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)

standard and adapted CIELAB

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

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

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	27.68	-1.25	-2.57
LAB*LAB	27.68	0.0	0.0
LAB*LAB	27.68	0.0	0.0

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

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	6.26	0.0	0.0
LAB*LAB	6.26	0.0	0.0
LAB*LAB	6.26	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

relative Natural Colour (NC)

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

$n^* = 1.0$

FRS06; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

%Regularität

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

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

relative Inform. Technology (IT)

ohv3*	0.99	1.0	0.5	(1.0)
cmv3*	0.00	0.0	0.5	(0.0)
ohv3*	1.0	0.948	0.43	(1.0)
cmv3*	0.0	0.037	0.32	(0.0)

standard and adapted CIELAB

LAB*LAB	89.55	-1.14	23.31
LAB*LAB	87.13	-1.86	56.65
LAB*LAB	87.13	-1.86	56.65

relative CIELAB lab*

lab*lab	0.99	0.0	0.5
lab*ch	0.99	0.0	0.5
lab*nch	0.0	0.0	0.5

relative Natural Colour (NC)

lab*ch	0.99	0.0	0.5
lab*nch	0.0	0.99	0.5
lab*nch	0.0	0.0	0.99

relative Inform. Technology (IT)

ohv3*	0.99	1.0	0.0	(1.0)
cmv3*	0.00	0.0	0.0	(0.0)
ohv3*	1.0	0.953	0.22	(1.0)
cmv3*	0.0	0.047	0.78	(0.0)

standard and adapted CIELAB

LAB*LAB	87.13	-3.11	80.15
LAB*LAB	84.71	-2.8	84.98
LAB*LAB	84.71	-2.8	84.98

relative CIELAB lab*

lab*lab	0.99	0.0	0.0
lab*ch	0.99	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ch	0.99	0.0	0.0
lab*nch	0.0	0.99	0.0
lab*nch	0.0	0.0	0.99

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.25	(1.0)
cmv3*	0.25	0.25	0.75	(0.0)
ohv3*	0.75	0.75	0.25	(1.0)
cmv3*	0.25	0.25	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	65.7	-2.49	52.58
LAB*LAB	65.7	-1.87	56.65
LAB*LAB	65.7	-1.87	56.65

relative CIELAB lab*

lab*lab	0.75	0.0	0.25
lab*ch	0.75	0.0	0.25
lab*nch	0.0	0.0	0.25

relative Natural Colour (NC)

lab*ch	0.75	0.0	0.25
lab*nch	0.0	0.75	0.25
lab*nch	0.0	0.0	0.75

relative Inform. Technology (IT)

ohv3*	0.495	0.5	0.0	(1.0)
cmv3*	0.505	0.5	0.0	(0.0)
ohv3*	0.593	0.494	0.248	(1.0)
cmv3*	0.407	0.506	0.752	(0.0)

standard and adapted CIELAB

LAB*LAB	44.28	-2.86	53.41
LAB*LAB	44.28	-1.87	56.64
LAB*LAB	44.28	-1.87	56.64

relative CIELAB lab*

lab*lab	0.495	0.0	0.0
lab*ch	0.495	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ch	0.495	0.0	0.0
lab*nch	0.0	0.495	0.0
lab*nch	0.0	0.0	0.495

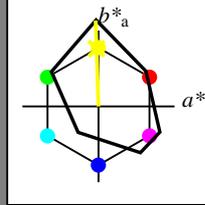
$n^* = 0.50$

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^*



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv3*	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*LAB	91.97	0.0	0.0
LAB*LAB	91.97	0.0	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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv3*	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*LAB	70.54	0.0	0.0
LAB*LAB	70.54	0.0	0.0

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

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)

standard and adapted CIELAB

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

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

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	27.68	-1.25	-2.57
LAB*LAB	27.68	0.0	0.0
LAB*LAB	27.68	0.0	0.0

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

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	6.26	0.0	0.0
LAB*LAB	6.26	0.0	0.0
LAB*LAB	6.26	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

relative Natural Colour (NC)

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

$n^* = 1.0$

FRS06; adaptierte CIELAB-Daten

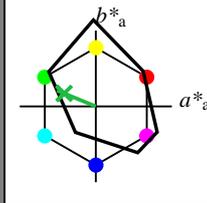
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	1		

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)

obv3*	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	99.99	0.01	-

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*nrj	1.0	0.0	0.0
lab*nrc	0.0	1.0	0.0
lab*nre	0.0	0.0	1.0

relative Inform. Technology (IT)

obv3*	0.75	1.0	0.827	(1.0)
cmv3*	0.25	0.0	0.173	(0.0)
olv3*	0.772	0.923	0.776	(1.0)
cmv3*	0.228	0.077	0.224	(0.0)

standard and adapted CIELAB

LAB*LAB	79.48	-13.11	0.63
LAB*LABa	79.48	-12.72	5.25
LAB*LABb	87.5	13.77	157.6

relative CIELAB lab*

lab*lab	0.854	-0.23	0.095
lab*ch	0.875	0.25	0.438
lab*nch	0.0	0.25	0.438

relative Natural Colour (NC)

lab*nrj	0.854	-0.249	0.0
lab*nrc	0.875	0.25	0.5
lab*nre	0.0	0.25	g00b

relative Inform. Technology (IT)

obv3*	0.5	1.0	0.655	(1.0)
cmv3*	0.5	0.0	0.345	(0.0)
olv3*	0.563	0.852	0.603	(1.0)
cmv3*	0.437	0.148	0.397	(0.0)

standard and adapted CIELAB

LAB*LAB	67.0	-26.06	6.38
LAB*LABa	67.0	-25.46	10.5
LAB*LABb	75.0	27.55	157.59

relative CIELAB lab*

lab*lab	0.709	-0.461	0.191
lab*ch	0.725	0.5	0.438
lab*nch	0.0	0.5	0.438

relative Natural Colour (NC)

lab*nrj	0.709	-0.499	0.0
lab*nrc	0.725	0.5	0.5
lab*nre	0.0	0.5	g00b

relative Inform. Technology (IT)

obv3*	0.25	1.0	0.48	(1.0)
cmv3*	0.75	0.0	0.518	(0.0)
olv3*	0.329	0.78	0.425	(1.0)
cmv3*	0.671	0.22	0.575	(0.0)

standard and adapted CIELAB

LAB*LAB	54.52	-39.01	12.12
LAB*LABa	54.52	-38.2	15.76
LAB*LABb	62.5	41.33	157.59

relative CIELAB lab*

lab*lab	0.562	-0.692	0.286
lab*ch	0.625	0.75	0.438
lab*nch	0.0	0.75	0.438

relative Natural Colour (NC)

lab*nrj	0.563	-0.749	0.0
lab*nrc	0.625	0.75	0.5
lab*nre	0.0	0.75	g00b

relative Inform. Technology (IT)

obv3*	0.0	1.0	0.31	(1.0)
cmv3*	1.0	0.0	0.69	(0.0)
olv3*	0.13	0.728	0.253	(1.0)
cmv3*	0.868	0.272	0.747	(0.0)

standard and adapted CIELAB

LAB*LAB	42.04	-51.96	17.87
LAB*LABa	42.04	-50.93	21.01
LAB*LABb	50.0	55.11	157.59

relative CIELAB lab*

lab*lab	0.418	-0.923	0.381
lab*ch	0.5	1.0	0.438
lab*nch	0.0	1.0	0.438

relative Natural Colour (NC)

lab*nrj	0.418	-0.999	0.0
lab*nrc	0.5	1.0	0.5
lab*nre	0.0	1.0	g00b

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(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	70.54	-0.53	-4.26
LAB*LABa	70.54	0.0	-
LAB*LABb	75.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*nrj	0.75	0.0	0.0
lab*nrc	0.75	0.0	0.0
lab*nre	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	0.553	0.673	0.55	(1.0)
cmv3*	0.447	0.327	0.505	(0.0)

standard and adapted CIELAB

LAB*LAB	58.06	-13.48	1.48
LAB*LABa	58.06	-12.75	5.25
LAB*LABb	62.5	13.78	157.59

relative CIELAB lab*

lab*lab	0.625	0.25	0.438
lab*ch	0.625	0.25	0.438
lab*nch	0.0	0.25	0.438

relative Natural Colour (NC)

lab*nrj	0.625	0.25	0.5
lab*nrc	0.625	0.25	0.5
lab*nre	0.0	0.25	g00b

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(1.0)
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	-
LAB*LABb	50.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*nrj	0.5	0.0	0.0
lab*nrc	0.5	0.0	0.0
lab*nre	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.75	0.405	(1.0)
cmv3*	0.75	0.25	0.595	(0.0)
olv3*	0.329	0.585	0.37	(1.0)
cmv3*	0.671	0.415	0.683	(0.0)

standard and adapted CIELAB

LAB*LAB	45.58	-26.43	7.23
LAB*LABa	45.58	-25.47	10.51
LAB*LABb	50.0	27.56	157.59

relative CIELAB lab*

lab*lab	0.625	0.25	0.438
lab*ch	0.625	0.25	0.438
lab*nch	0.0	0.25	0.438

relative Natural Colour (NC)

lab*nrj	0.625	0.25	0.5
lab*nrc	0.625	0.25	0.5
lab*nre	0.0	0.25	g00b

relative Inform. Technology (IT)

obv3*	0.25	0.75	0.405	(1.0)
cmv3*	0.75	0.25	0.595	(0.0)
olv3*	0.329	0.585	0.37	(1.0)
cmv3*	0.671	0.415	0.683	(0.0)

standard and adapted CIELAB

LAB*LAB	45.58	-26.43	7.23
LAB*LABa	45.58	-25.47	10.51
LAB*LABb	50.0	27.56	157.59

relative CIELAB lab*

lab*lab	0.562	-0.692	0.286
lab*ch	0.625	0.75	0.438
lab*nch	0.0	0.75	0.438

relative Natural Colour (NC)

lab*nrj	0.563	-0.749	0.0
lab*nrc	0.625	0.75	0.5
lab*nre	0.0	0.75	g00b

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	0.682	0.7	0.756	(1.0)
cmv3*	0.318	0.3	0.318	(0.0)

standard and adapted CIELAB

LAB*LAB	27.68	1.35	-2.57
LAB*LABa	27.68	0.0	-
LAB*LABb	25.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*nrj	0.5	0.0	0.0
lab*nrc	0.5	0.0	0.0
lab*nre	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.75	0.405	(1.0)
cmv3*	0.75	0.25	0.595	(0.0)
olv3*	0.329	0.585	0.37	(1.0)
cmv3*	0.671	0.415	0.683	(0.0)

standard and adapted CIELAB

LAB*LAB	45.58	-26.43	7.23
LAB*LABa	45.58	-25.47	10.51
LAB*LABb	50.0	27.56	157.59

relative CIELAB lab*

lab*lab	0.418	-0.923	0.381
lab*ch	0.5	1.0	0.438
lab*nch	0.0	1.0	0.438

relative Natural Colour (NC)

lab*nrj	0.418	-0.999	0.0
lab*nrc	0.5	1.0	0.5
lab*nre	0.0	1.0	g00b

relative Inform. Technology (IT)

obv3*	0.0	0.75	0.25	(1.0)
cmv3*	1.0	0.25	0.768	(0.0)
olv3*	0.126	0.528	0.209	(1.0)
cmv3*	0.874	0.472	0.791	(0.0)

standard and adapted CIELAB

LAB*LAB	33.1	-39.38	12.97
LAB*LABa	33.1	-38.2	15.76
LAB*LABb	37.51	41.34	157.58

relative CIELAB lab*

lab*lab	0.313	-0.692	0.286
lab*ch	0.375	0.75	0.438
lab*nch	0.0	0.75	0.438

relative Natural Colour (NC)

lab*nrj	0.313	-0.749	0.0
lab*nrc	0.375	0.75	0.5
lab*nre	0.0	0.75	g00b

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	0.682	0.7	0.756	(1.0)
cmv3*	0.318	0.3	0.318	(0.0)

standard and adapted CIELAB

LAB*LAB	27.68	1.35	-2.57
LAB*LABa	27.68	0.0	-
LAB*LABb	25.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*nrj	0.25	0.0	0.0
lab*nrc	0.25	0.0	0.0
lab*nre	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.75	0.405	(1.0)
cmv3*	0.75	0.25	0.595	(0.0)
olv3*	0.329	0.585	0.37	(1.0)
cmv3*	0.671	0.415	0.683	(0.0)

standard and adapted CIELAB

LAB*LAB	45.58	-26.43	7.23
LAB*LABa	45.58	-25.47	10.51
LAB*LABb	50.0	27.56	157.59

relative CIELAB lab*

lab*lab	0.354	-0.23	0.095
lab*ch	0.375	0.25	0.438
lab*nch	0.0	0.25	0.438

relative Natural Colour (NC)

lab*nrj	0.354	-0.249	0.0
lab*nrc	0.375	0.25	0.5
lab*nre	0.0	0.25	g00b

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	0.682	0.7	0.756	(1.0)
cmv3*	0.318	0.3	0.318	(0.0)

standard and adapted CIELAB

LAB*LAB	27.68	1.35	-2.57
LAB*LABa	27.68	0.0	-
LAB*LABb	25.0	0.01	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*nrj	0.25	0.0	0.0
lab*nrc	0.25	0.0	0.0
lab*nre	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.75	0.405	(1.0)
cmv3*	0.75	0.25	0.595	(0.0)
olv3*	0.329	0.585	0.37	(1.0)
cmv3*	0.671	0.415	0.683	(0.0)

standard and adapted CIELAB

LAB*LAB	45.58	-26.43	7.23
LAB*LABa	45.58	-25.47	10.51
LAB*LABb	50.0	27.56	157.59

relative CIELAB lab*

lab*lab	0.209	-0.461	0.191
lab*ch	0.25	0.5	0.438
lab*nch	0.0	0.5	0.438

relative Natural Colour (NC)

lab*nrj	0.209
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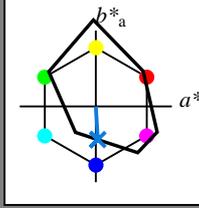
Eingabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 273/360 = 0.76$

lab^*ch und lab^*nch

D65: Buntton B
 LCH*Ma: 34 44 273
 olv*Ma: 0.0 0.64 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)	
obv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.0 0.0 0.0 (0.0)
obv3*	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	91.99 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 Natural Colour (NC)	
lab*nrj	0.0 0.0 0.0
lab*nce	1.0 0.0 0.0
lab*nce	0.0 0.0 0.0

relative Inform. Technology (IT)	
obv3*	0.75 0.75 0.75 (1.0)
cmv3*	0.25 0.25 0.25 (0.0)
obv3*	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 0.0 0.0
LAB*LABb	70.54 0.0 0.0

relative CIELAB lab*	
lab*lab	0.832 0.0 -0.249
lab*ch	0.875 0.25 0.759
lab*nch	0.0 0.25 0.759
relative Natural Colour (NC)	
lab*nrj	0.832 0.0 -0.249
lab*nce	0.875 0.25 0.759
lab*nce	0.0 0.25 0.759

relative Inform. Technology (IT)	
obv3*	0.75 0.75 0.75 (1.0)
cmv3*	0.25 0.25 0.25 (0.0)
obv3*	0.75 0.75 0.75 (1.0)
cmv3*	0.25 0.25 0.25 (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	0.5 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*nrj	0.5 0.0 0.0
lab*nce	0.75 0.0 0.0
lab*nce	0.0 0.0 0.0

relative Inform. Technology (IT)	
obv3*	0.25 0.25 0.25 (1.0)
cmv3*	0.75 0.75 0.75 (0.0)
obv3*	0.25 0.25 0.25 (1.0)
cmv3*	0.75 0.75 0.75 (0.0)
standard and adapted CIELAB	
LAB*LAB	27.08 -0.64 -2.57
LAB*LABa	27.08 0.0 0.0
LAB*LABb	27.08 0.0 0.0

relative CIELAB lab*	
lab*lab	0.332 0.0 -0.249
lab*ch	0.375 0.25 0.76
lab*nch	0.0 0.25 0.76
relative Natural Colour (NC)	
lab*nrj	0.332 0.0 -0.249
lab*nce	0.375 0.25 0.76
lab*nce	0.0 0.25 0.76

relative Inform. Technology (IT)	
obv3*	0.0 0.0 0.0 (1.0)
cmv3*	1.0 1.0 1.0 (0.0)
obv3*	0.0 0.0 0.0 (1.0)
cmv3*	1.0 1.0 1.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	6.26 6.26 12.53
LAB*LABa	6.26 0.0 0.0
LAB*LABb	6.26 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
relative Natural Colour (NC)	
lab*nrj	0.0 0.0 0.0
lab*nce	0.0 0.0 0.0
lab*nce	0.0 0.0 0.0

relative Inform. Technology (IT)	
obv3*	0.0 0.0 0.0 (1.0)
cmv3*	1.0 1.0 1.0 (0.0)
obv3*	0.0 0.0 0.0 (1.0)
cmv3*	1.0 1.0 1.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.0 0.0
LAB*LABb	0.01 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
relative Natural Colour (NC)	
lab*nrj	0.0 0.0 0.0
lab*nce	0.0 0.0 0.0
lab*nce	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
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

%Regularität

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

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

relative Inform. Technology (IT)	
obv3*	0.5 0.5 0.5 (1.0)
cmv3*	0.5 0.5 0.5 (0.0)
obv3*	0.611 0.702 0.862 (1.0)
cmv3*	0.389 0.298 0.138 (0.0)
standard and adapted CIELAB	
LAB*LAB	63.14 0.64 -25.89
LAB*LABa	63.14 1.31 -21.92
LAB*LABb	63.14 0.0 0.0

relative CIELAB lab*	
lab*lab	0.664 0.03 -0.498
lab*ch	0.75 0.5 0.76
lab*nch	0.0 0.5 0.76
relative Natural Colour (NC)	
lab*nrj	0.664 0.03 -0.499
lab*nce	0.75 0.5 0.76
lab*nce	0.0 0.5 0.76

relative Inform. Technology (IT)	
obv3*	0.25 0.731 1.0 (1.0)
cmv3*	0.75 0.269 0.0 (0.0)
obv3*	0.356 0.563 0.825 (1.0)
cmv3*	0.644 0.437 0.175 (0.0)
standard and adapted CIELAB	
LAB*LAB	48.73 1.06 -36.29
LAB*LABa	48.73 1.97 -32.89
LAB*LABb	48.73 0.0 0.0

relative CIELAB lab*	
lab*lab	0.496 0.045 -0.748
lab*ch	0.625 0.75 0.76
lab*nch	0.0 0.75 0.76
relative Natural Colour (NC)	
lab*nrj	0.496 0.0 -0.749
lab*nce	0.625 0.75 0.76
lab*nce	0.0 0.75 0.76

relative Inform. Technology (IT)	
obv3*	0.0 0.819 0.25 (1.0)
cmv3*	0.191 0.359 0.607 (1.0)
obv3*	0.646 0.537 0.883 (0.0)
cmv3*	0.354 0.463 0.117 (1.0)
standard and adapted CIELAB	
LAB*LAB	41.71 1.32 -25.06
LAB*LABa	41.71 1.32 -21.93
LAB*LABb	41.71 0.0 0.0

relative CIELAB lab*	
lab*lab	0.414 0.03 -0.498
lab*ch	0.5 0.5 0.76
lab*nch	0.0 0.5 0.76
relative Natural Colour (NC)	
lab*nrj	0.414 0.0 -0.499
lab*nce	0.5 0.5 0.76
lab*nce	0.0 0.5 0.76

relative Inform. Technology (IT)	
obv3*	0.0 0.819 0.25 (1.0)
cmv3*	0.191 0.359 0.607 (1.0)
obv3*	0.646 0.537 0.883 (0.0)
cmv3*	0.354 0.463 0.117 (1.0)
standard and adapted CIELAB	
LAB*LAB	23.07 0.7 -35.45
LAB*LABa	23.07 1.98 -32.89
LAB*LABb	23.07 0.0 0.0

relative CIELAB lab*	
lab*lab	0.246 0.045 -0.748
lab*ch	0.375 0.75 0.76
lab*nch	0.0 0.75 0.76
relative Natural Colour (NC)	
lab*nrj	0.246 0.0 -0.749
lab*nce	0.375 0.75 0.76
lab*nce	0.0 0.75 0.76

relative Inform. Technology (IT)	
obv3*	0.0 0.641 1.0 (1.0)
cmv3*	1.0 0.359 0.0 (0.0)
obv3*	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	0.0 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*nrj	0.0 0.0 0.0
lab*nce	0.0 0.0 0.0
lab*nce	0.0 0.0 0.0

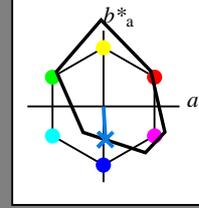
Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 273/360 = 0.76$

lab^*ch und lab^*nch

D65: Buntton B
 LCH*Ma: 34 44 273
 olv*Ma: 0.0 0.64 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)	
obv3*	1.0 1.0 1.0 (1.0)
cmv3*	0.0 0.0 0.0 (0.0)
obv3*	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	91.99 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 Natural Colour (NC)	
lab*nrj	1.0 0.0 0.0
lab*nce	1.0 0.0 0.0
lab*nce	0.0 0.0 0.0

relative Inform. Technology (IT)	
obv3*	0.75 0.75 0.75 (1.0)
cmv3*	0.25 0.25 0.25 (0.0)
obv3*	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 0.0 0.0
LAB*LABb	70.54 0.0 0.0

relative CIELAB lab*	
lab*lab	0.832 0.0 -0.249
lab*ch	0.875 0.25 0.759
lab*nch	0.0 0.25 0.759
relative Natural Colour (NC)	
lab*nrj	0.832 0.0 -0.249
lab*nce	0.875 0.25 0.759
lab*nce	0.0 0.25 0.759

relative Inform. Technology (IT)	
obv3*	0.5 0.5 0.5 (1.0)
cmv3*	0.5 0.5 0.5 (0.0)
obv3*	0.583 0.605 0.672 (1.0)
cmv3*	0.417 0.395 0.328 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.13 -0.12 -14.66
LAB*LABa	56.13 0.66 -10.96
LAB*LABb	56.13 0.66 -10.96

relative CIELAB lab*	
lab*lab	0.664 0.03 -0.498
lab*ch	0.75 0.5 0.76
lab*nch	0.0 0.5 0.76
relative Natural Colour (NC)	
lab*nrj	0.664 0.03 -0.499
lab*nce	0.75 0.5 0.76
lab*nce	0.0 0.5 0.76

relative Inform. Technology (IT)	
obv3*	0.0 0.641 1.0 (1.0)
cmv3*	1.0 0.359 0.0 (0.0)
obv3*	0.583 0.605 0.672 (1.0)
cmv3*	0.417 0.395 0.328 (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	0.5 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*nrj	0.5 0.0 0.0
lab*nce	0.75 0.0 0.0
lab*nce	0.0 0.0 0.0

relative Inform. Technology (IT)	
obv3*	0.25 0.25 0.25 (1.0)
cmv3*	0.75 0.75 0.75 (0.0)
obv3*	0.25 0.25 0.25 (1.0)
cmv3*	0.75 0.75 0.75 (0.0)
standard and adapted CIELAB	
LAB*LAB	27.08 -0.64 -2.57
LAB*LABa	27.08 0.0 0.0
LAB*LABb	27.08 0.0 0.0

relative CIELAB lab*	
lab*lab	0.332 0.0 -0.249
lab*ch	0.375 0.25 0.76
lab*nch	0.0 0.25 0.76
relative Natural Colour (NC)	
lab*nrj	0.332 0.0 -0.249
lab*nce	0.375 0.25 0.76
lab*nce	0.0 0.25 0.76

relative Inform. Technology (IT)	
obv3*	0.0 0.819 0.25 (1.0)
cmv3*	0.191 0.359 0.607 (1.0)
obv3*	0.646 0.537 0.883 (0.0)
cmv3*	0.354 0.463 0.117 (1.0)
standard and adapted CIELAB	
LAB*LAB	23.07 0.7 -35.45
LAB*LABa	23.07 1.98 -32.89
LAB*LABb	23.07 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
relative Natural Colour (NC)	
lab*nrj	0.0 0.0 0.0
lab*nce	0.0 0.0 0.0
lab*nce	0.0 0.0 0.0

VG250-7, 5 stufige Reihen für konstanten CIELAB Buntton 273/360 = 0.76 (links)

5 stufige Reihen für konstanten CIELAB Buntton 273/360 = 0.76 (rechts)

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

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