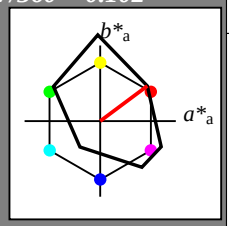
Input: Colorimetric Printer Reflective System FRS06
for hue *h = *lab*h* = 37/360 = 0.102**
lab*tch* and *lab*nch

D65: hue O
LCH*Ma: 33 78 37
olv*Ma: 1.0 0.0 0.0

triangle lightness *t**



FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	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

%Gamut
u^*_{rel} = 115
%Regularity
$g^*_{H,rel}$ = 28
$g^*_{C,rel}$ = 38

***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	−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*tch*	1.0	0.0	–
*lab*nch*	0.0	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	1.0	0.0	0.0
*lab*tce*	1.0	0.0	–
*lab*ncE*	0.0	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	0.5
*cmyn4**	0.0	0.0	0.0	0.5

***standard* and *adapted* CIELAB**

*LAB*LAB*	49.11	−0.89	−3.42
*LAB*LABa*	49.11	0.0	0.0
*LAB*TCHa*	50.0	0.01	–

relative* CIELAB *lab*

*lab*lab*	0.5	0.0	0.0
*lab*tch*	0.5	0.0	–
*lab*nch*	0.5	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	0.5	0.0	0.0
*lab*tce*	0.5	0.0	–
*lab*ncE*	0.5	0.0	–

***relative* Inform. Technology (IT)**

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

***standard* and *adapted* CIELAB**

*LAB*LAB*	6.26	−1.62	−1.73
*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*tch*	0.0	0.0	–
*lab*nch*	1.0	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	0.0	0.0	0.0
*lab*tce*	0.0	0.0	–
*lab*ncE*	1.0	0.0	–

***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*TCHa*	75.0	38.87	36.72

relative* CIELAB *lab*

*lab*lab*	0.653	0.401	0.299
*lab*tch*	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*tce*	0.75	0.5	0.036
*lab*ncE*	0.0	0.5	r14j

***relative* Inform. Technology (IT)**

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

***standard* and *adapted* CIELAB**

*LAB*LAB*	19.42	29.75	20.99
*LAB*LABa*	19.42	31.16	23.24
*LAB*TCHa*	25.01	38.87	36.72

relative* CIELAB *lab*

*lab*lab*	0.154	0.401	0.299
*lab*tch*	0.25	0.5	0.102
*lab*nch*	0.5	0.5	0.102

***relative* Natural Colour (NC)**

*lab*lrj*	0.154	0.487	0.112
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*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*TCHa*	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*lrj*	0.307	0.974	0.224
*lab*tce*	0.5	1.0	0.036
*lab*ncE*	0.0	1.0	r14j

*n** = 0,00

blackness *n**

0,25 0,50 *n** = 0,50 0,75 1,00

chromaticness *c**

*n** = 1,0

VE210−7, 3 step scales for constant CIELAB hue 37/360 = 0.102 (left)

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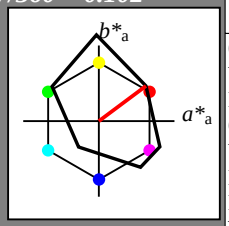

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*lab*lrj*	1.0	0.0	0.0
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*lab*ncE*	0.0	0.0	–

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*lab*nch*	1.0	0.0	–

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*lab*ncE*	1.0	0.0	–

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*n** = 0,00

blackness *n**

0,25 0,50 *n** = 0,50 0,75 1,00

chromaticness *c**

*n** = 1,0

3 step scales for constant CIELAB hue 37/360 = 0.102 (right)