

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 37/360 = 0.102$

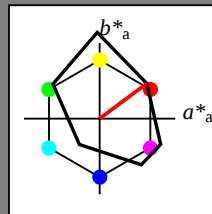
$lab \cdot tch$ and $lab \cdot nch$

D65: hue O

LCH*Ma: 33 78 37

olv*Ma: 1.0 0.0 0.0

triangle lightness



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

%Regularity

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

blackness n^*

$n^* = 0,50$

chromaticness c^*

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 37/360 = 0.102$

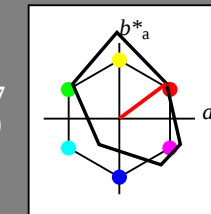
$lab \cdot tch$ and $lab \cdot nch$

D65: hue O

LCH*Ma: 33 78 37

olv*Ma: 1.0 0.0 0.0

triangle lightness



FRS06; adapted (a) CIELAB data					
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$g^*_{C,rel} = 38$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

blackness n^*

$n^* = 0,50$

chromaticness c^*

VE240-7, 5 step scales for constant CIELAB hue 37/360 = 0.102 (left)

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

BAM-test chart VE24; Colorimetric systems FRS06 & FRS06

D65: 5 step colour scales and coordinate data for 10 hues

input: $olv^* \text{ setrgbcolor}$

output: no change compared to input

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 92/360 = 0.254$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue Y
LCH*Ma: 83 114 92
olv*Ma: 1.0 1.0 0.0

triangle lightness

1,00

%Gamut

$u^*_{rel} = 115$

%Regularity

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

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

0,75

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

0,25

0,50

0,75

1,00

chromaticness c^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

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blackness n^*

blackness n^*

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

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

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$n^* = 1,0$

0,25

0,50

0,75

1,00

chromaticness c^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

blackness n^*

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Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 92/360 = 0.254$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue Y
LCH*Ma: 83 114 92
olv*Ma: 1.0 1.0 0.0

triangle lightness

1,00

%Gamut

$u^*_{rel} = 115$

%Regularity

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

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

0,75

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$n^* = 1,0$

0,25

0,50

0,75

1,00

chromaticness c^*

blackness n^*

blackness n^*

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blackness n^*

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FRS06; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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blackness n^*

BAM-test chart VE24; Colorimetric systems FRS06 & FRS06

D65: 5 step colour scales and coordinate data for 10 hues

5 step scales for constant CIELAB hue 92/360 = 0.254 (right)

input: $olv^* \text{ setrgbcolor}$

output: no change compared to input

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 143/360 = 0.398$

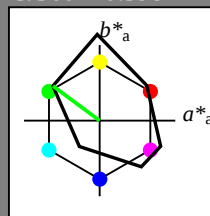
$lab \cdot tch$ and $lab \cdot nch$

D65: hue L

LCH*Ma: 39 77 143

olv*Ma: 0.0 1.0 0.0

triangle lightness

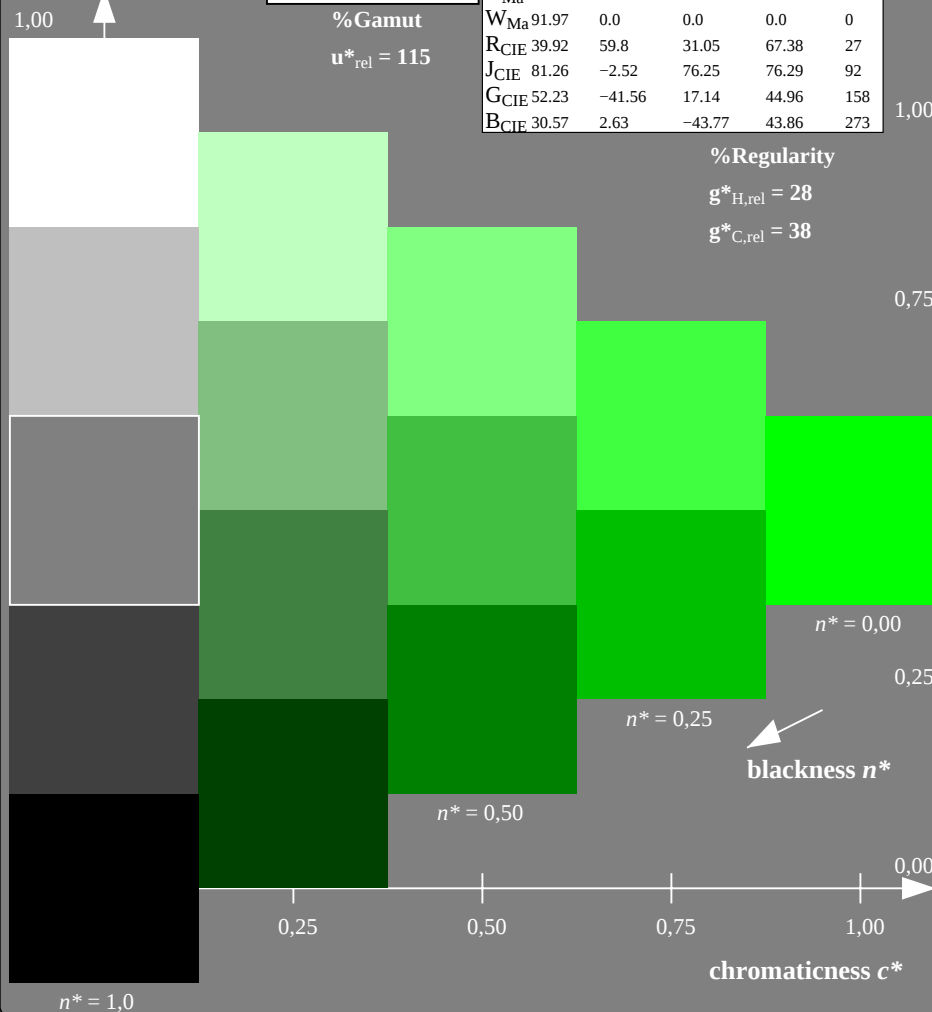


FRS06; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
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B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

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

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



VE240-7, 5 step scales for constant CIELAB hue 143/360 = 0.398 (left)

BAM-test chart VE24; Colorimetric systems FRS06 & FRS06

D65: 5 step colour scales and coordinate data for 10 hues

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 143/360 = 0.398$

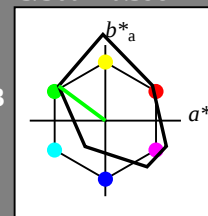
$lab \cdot tch$ and $lab \cdot nch$

D65: hue L

LCH*Ma: 39 77 143

olv*Ma: 0.0 1.0 0.0

triangle lightness

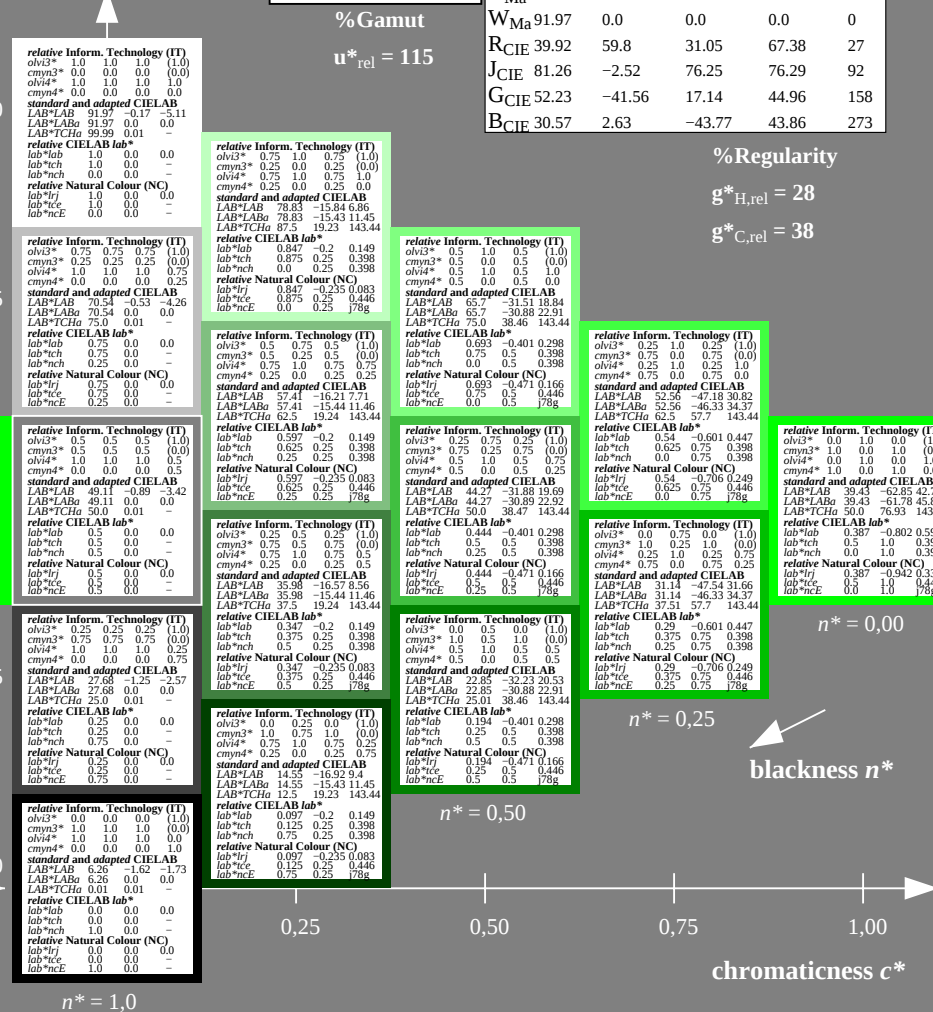


FRS06; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
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R _{CIE}	39.92	59.8	31.05	67.38	27
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B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

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

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



5 step scales for constant CIELAB hue 143/360 = 0.398 (right)

input: $olv^* \cdot setrgbcolor$

output: no change compared to input

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 232/360 = 0.644$

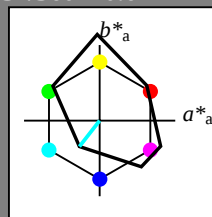
$lab \cdot tch$ and $lab \cdot nch$

D65: hue C

LCH*Ma: 48 43 232

olv*Ma: 0.0 1.0 1.0

triangle lightness



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

%Regularity

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

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

1,00

0,75

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

chromaticness c^*

VE240-7, 5 step scales for constant CIELAB hue 232/360 = 0.644 (left)

BAM-test chart VE24; Colorimetric systems FRS06 & FRS06

D65: 5 step colour scales and coordinate data for 10 hues

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 232/360 = 0.644$

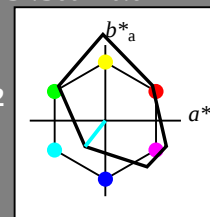
$lab \cdot tch$ and $lab \cdot nch$

D65: hue C

LCH*Ma: 48 43 232

olv*Ma: 0.0 1.0 1.0

triangle lightness



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
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%Regularity

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

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

1,00

0,75

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

chromaticness c^*

5 step scales for constant CIELAB hue 232/360 = 0.644 (right)

input: $olv^* \cdot setrgbcolor$

output: no change compared to input

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 312/360 = 0.867$

$lab \cdot tch$ and $lab \cdot nch$

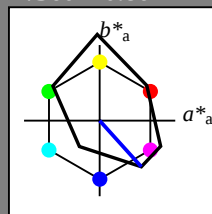
D65: hue V

LCH*Ma: 10 82 312

olv*Ma: 0.0 0.0 1.0

triangle lightness

1,00



FRS06; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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%Regularity

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

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

1,00

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 312/360 = 0.867$

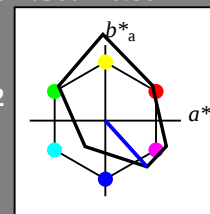
$lab \cdot tch$ and $lab \cdot nch$

D65: hue V

LCH*Ma: 10 82 312

olv*Ma: 0.0 0.0 1.0

triangle lightness



FRS06; adapted (a) CIELAB data					
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%Regularity

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

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0,75

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	1.0	(0.0)
cmyn3*	0.25	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(0.0)
cmyn4*	0.0	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*TCha	91.97	0.0	0.0		
relative CIELAB lab*					
lab*lab	1.0	0.0	0.0		
lab*tch	1.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		
lab*trj	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	1.0	0.0	0.0		
lab*tch	1.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(0.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	70.54	-0.53	-4.26		
LAB*Lab	70.54	0.0	0.0		
LAB*TCha	70.54	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.75	0.0	0.0		
lab*tch	0.75	0.0	0.0		
lab*nch	0.25	0.0	0.0		
lab*trj	0.75	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.75	0.0	0.0		
lab*tch	0.75	0.0	0.0		
lab*nch	0.25	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	0.5	(1.0)
cmyn3*	0.25	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(0.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	50.09	12.89	-18.71		
LAB*Lab	50.09	13.78	-15.25		
LAB*TCha	62.5	20.56	312.09		
relative CIELAB lab*					
lab*lab	0.5	0.0	0.0		
lab*tch	0.5	0.0	0.0		
lab*nch	0.25	0.0	0.0		
lab*trj	0.5	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.5	0.0	0.0		
lab*tch	0.5	0.0	0.0		
lab*nch	0.25	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	0.25	(1.0)
cmyn3*	0.5	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(0.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	49.11	0.89	-3.42		
LAB*Lab	49.11	0.0	0.0		
LAB*TCha	50.0	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.5	0.0	0.0		
lab*trj	0.25	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.5	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(0.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	27.68	12.25	-2.57		
LAB*Lab	27.68	0.0	0.0		
LAB*TCha	25.0	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.75	0.0	0.0		
lab*trj	0.25	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.75	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(0.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	27.68	12.25	-2.57		
LAB*Lab	27.68	0.0	0.0		
LAB*TCha	25.0	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.75	0.0	0.0		
lab*trj	0.25	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.75	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(0.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	6.26	1.62	-1.73		
LAB*Lab	6.26	0.0	0.0		
LAB*TCha	0.0	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
lab*trj	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(0.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	6.26	1.62	-1.73		
LAB*Lab	6.26	0.0	0.0		
LAB*TCha	0.0	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
lab*trj	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(0.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	6.26	1.62	-1.73		
LAB*Lab	6.26	0.0	0.0		
LAB*TCha	0.0	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
lab*trj	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		

lab*ncE	1.0	0.0	-
n* = 1,0			
5 step scales for			
06 8- ERS06			

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 337/360 = 0.937$

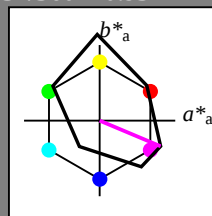
$lab \cdot tch$ and $lab \cdot nch$

D65: hue M

LCH*Ma: 35 88 337

olv*Ma: 1.0 0.0 1.0

triangle lightness



FRS06; adapted (a) CIELAB data					
	$L^* = L^*_a$	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

%Regularity

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

chromaticness c^*

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 337/360 = 0.937$

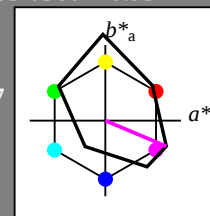
$lab \cdot tch$ and $lab \cdot nch$

D65: hue M

LCH*Ma: 35 88 337

olv*Ma: 1.0 0.0 1.0

triangle lightness



FRS06; adapted (a) CIELAB data					
	$L^* = L^*_a$	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

%Regularity

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

chromaticness c^*

VE240-7, 5 step scales for constant CIELAB hue 337/360 = 0.937 (left)



BAM-test chart VE24; Colorimetric systems FRS06 & FRS06

D65: 5 step colour scales and coordinate data for 10 hues

5 step scales for constant CIELAB hue 337/360 = 0.937 (right)

input: $olv^* \text{ setrgbcolor}$

output: no change compared to input

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 27/360 = 0.076$

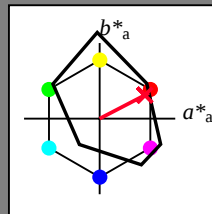
$lab \cdot tch$ and $lab \cdot nch$

D65: hue R

LCH*Ma: 33 73 27

olv*Ma: 1.0 0.0 0.16

triangle lightness



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

%Regularity

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

chromaticness c^*

VE240-7, 5 step scales for constant CIELAB hue 27/360 = 0.076 (left)

BAM-test chart VE24; Colorimetric systems FRS06 & FRS06

D65: 5 step colour scales and coordinate data for 10 hues

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 27/360 = 0.076$

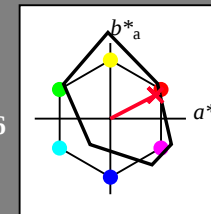
$lab \cdot tch$ and $lab \cdot nch$

D65: hue R

LCH*Ma: 33 73 27

olv*Ma: 1.0 0.0 0.16

triangle lightness



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

%Regularity

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

chromaticness c^*

5 step scales for constant CIELAB hue 27/360 = 0.076 (right)

input: $olv^* \cdot setrgbcolor$

output: no change compared to input

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 92/360 = 0.255$

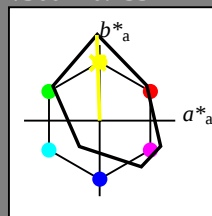
$lab \cdot tch$ and $lab \cdot nch$

D65: hue J

LCH*Ma: 82 113 92

olv*Ma: 0.99 1.0 0.0

triangle lightness



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

%Regularity

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

chromaticness c^*

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 92/360 = 0.255$

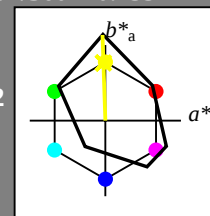
$lab \cdot tch$ and $lab \cdot nch$

D65: hue J

LCH*Ma: 82 113 92

olv*Ma: 0.99 1.0 0.0

triangle lightness



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

%Regularity

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

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

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

chromaticness c^*

VE240-7, 5 step scales for constant CIELAB hue 92/360 = 0.255 (left)

BAM-test chart VE24; Colorimetric systems FRS06 & FRS06

D65: 5 step colour scales and coordinate data for 10 hues

5 step scales for constant CIELAB hue 92/360 = 0.255 (right)

input: $olv^* \cdot setrgbcolor$

output: no change compared to input

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 158/360 = 0.438$

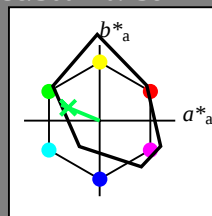
$lab \cdot tch$ and $lab \cdot nch$

D65: hue G

LCH*Ma: 42 55 158

olv*Ma: 0.0 1.0 0.31

triangle lightness



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

%Regularity

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

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

1,00

0,75

blackness n^*

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

BAM-test chart VE24; Colorimetric systems FRS06 & FRS06

D65: 5 step colour scales and coordinate data for 10 hues

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 158/360 = 0.438$

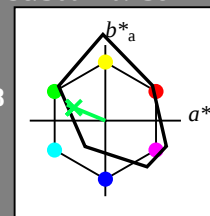
$lab \cdot tch$ and $lab \cdot nch$

D65: hue G

LCH*Ma: 42 55 158

olv*Ma: 0.0 1.0 0.31

triangle lightness



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

%Regularity

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

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

1,00

0,75

blackness n^*

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

5 step scales for constant CIELAB hue 158/360 = 0.438 (right)

input: olv* setrgbcolor

output: no change compared to input

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 273/360 = 0.76$

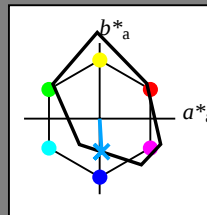
$lab \cdot tch$ and $lab \cdot nch$

D65: hue B

LCH*Ma: 34 44 273

olv*Ma: 0.0 0.64 1.0

triangle lightness



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

%Regularity

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

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

1,00

0,75

blackness n^*

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,00$

chromaticness c^*

VE240-7, 5 step scales for constant CIELAB hue 273/360 = 0.76 (left)



BAM-test chart VE24; Colorimetric systems FRS06 & FRS06

D65: 5 step colour scales and coordinate data for 10 hues

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 273/360 = 0.76$

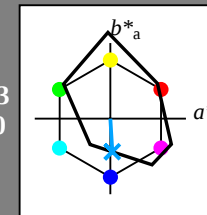
$lab \cdot tch$ and $lab \cdot nch$

D65: hue B

LCH*Ma: 34 44 273

olv*Ma: 0.0 0.64 1.0

triangle lightness



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

%Regularity

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

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

blackness n^*

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,00$

chromaticness c^*

5 step scales for constant CIELAB hue 273/360 = 0.76 (right)

input: $olv^* \cdot setrgbcolor$

output: no change compared to input