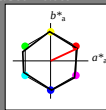


Input: Colorimetric Natural Reflective System CNS18

for hue $h^* = lab^*h = 25/360 = 0.069$
 lab^*tch and lab^*nch

D65: hue R
LCH*Ma: 57 77 25
olv*Ma: 1.0 0.0 0.0

triangle lightness l^*



%Gamut

$u^*_{rel} = 100$

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

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relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

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standard and adapted CIE L*a*b*

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

CNS18; adapted (a) CIELAB data

	$L^*=L^*_s$	a^*_a	b^*_a	$C^*_{a,b,a}$	$h^*_{a,b,a}$
R _{Ma}	56.7	70.15	32.71	77.4	25
J _{Ma}	56.7	-2.69	77.35	77.4	92
G _{Ma}	56.7	-73.6	23.92	77.4	162
G50B _{Ma}	56.7	-71.24	-30.23	77.4	203
B _{Ma}	56.7	2.7	-77.34	77.4	272
B50R _{Ma}	56.7	63.4	-44.38	77.4	325
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 59$

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
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relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

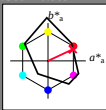
relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 25/360 = 0.069$
 lab^*tch and lab^*nch

D65: hue R
LCH*Ma: 33 73 25
olv*Ma: 1.0 0.0 0.2

triangle lightness l^*



%Gamut

$u^*_{rel} = 115$

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

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relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

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relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

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relative Natural Colour (NC)
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standard and adapted CIE L*a*b*

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relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

FRS06; adapted (a) CIELAB data

	$L^*=L^*_s$	a^*_a	b^*_a	$C^*_{a,b,a}$	$h^*_{a,b,a}$
R _{Ma}	32.57	62.32	46.49	77.5	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
M _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.99	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

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

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

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

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relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

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standard and adapted CIE LAB
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standard and adapted CIE L*a*b*

relative Inform. Technology (IT)
relative Natural Colour (NC)
standard and adapted CIE LAB
standard and adapted CIE L*a*b*

VE350-7, 5 step scales for constant CIELAB hue 25/360 = 0.069 (left)

5 step scales for constant CIELAB hue 25/360 = 0.069 (right)

BAM-test chart VE35; Colorimetric systems CNS18 & FRS06

input: olv* setrgcolor

output: no change compared to input

D65: 2 coordinate data of 5 step colour scales for 10 hues