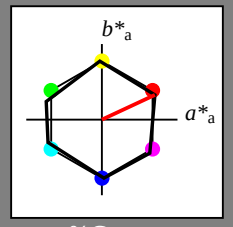
Input: Colorimetric Natural Reflective System CNS18

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 *t**



%Gamut
u*rel = 100

CNS18; adapted (a) CIELAB data	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	−2.69	77.35	77.4	92
GMa	56.7	−73.6	23.92	77.4	162
G50BMa	56.7	−71.24	−30.23	77.4	203
BMa	56.7	2.7	−77.34	77.4	272
B50RMa	56.7	63.4	−44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	−2.88	71.56	71.62	92
GCIE	52.23	−42.41	13.6	44.55	162
BCIE	30.57	1.41	−46.46	46.49	272

1,00
%Regularity
g*H,rel = 59
g*C,rel = 100

0,75
0,50
0,25
0,00

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

blackness *n**

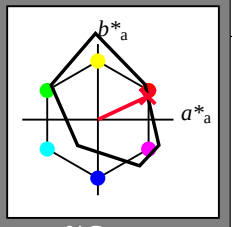
0,25 0,50 0,75 1,00
chromaticness *c**

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 *t**



%Gamut
u*rel = 115

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

1,00
%Regularity
g*H,rel = 28
g*C,rel = 38

0,75
0,50
0,25
0,00

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

blackness *n**

0,25 0,50 0,75 1,00
chromaticness *c**

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

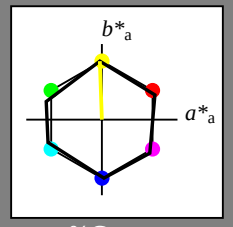
input: *olv* setrgbcolor*
output: *olv*' (TRI9) setrgbcolor*

Input: Colorimetric Natural Reflective System CNS18

for hue *h* = lab*h = 92/360 = 0.256*
*lab*tch* and *lab*nch*

D65: hue J
LCH*Ma: 57 77 92
olv*Ma: 1.0 1.0 0.0

triangle lightness *t**



%Gamut

u*rel = 100

CNS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	−2.69	77.35	77.4	92
GMa	56.7	−73.6	23.92	77.4	162
G50BMa	56.7	−71.24	−30.23	77.4	203
BMa	56.7	2.7	−77.34	77.4	272
B50RMa	56.7	63.4	−44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	−2.88	71.56	71.62	92
GCIE	52.23	−42.41	13.6	44.55	162
BCIE	30.57	1.41	−46.46	46.49	272

%Regularity

g*H,rel = 59

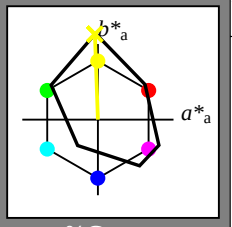
g*C,rel = 100

Output: Colorimetric Printer Reflective System FRS06

for hue *h* = lab*h = 92/360 = 0.256*
*lab*tch* and *lab*nch*

D65: hue J
LCH*Ma: 82 113 92
olv*Ma: 0.99 1.0 0.0

triangle lightness *t**



%Gamut

u*rel = 115

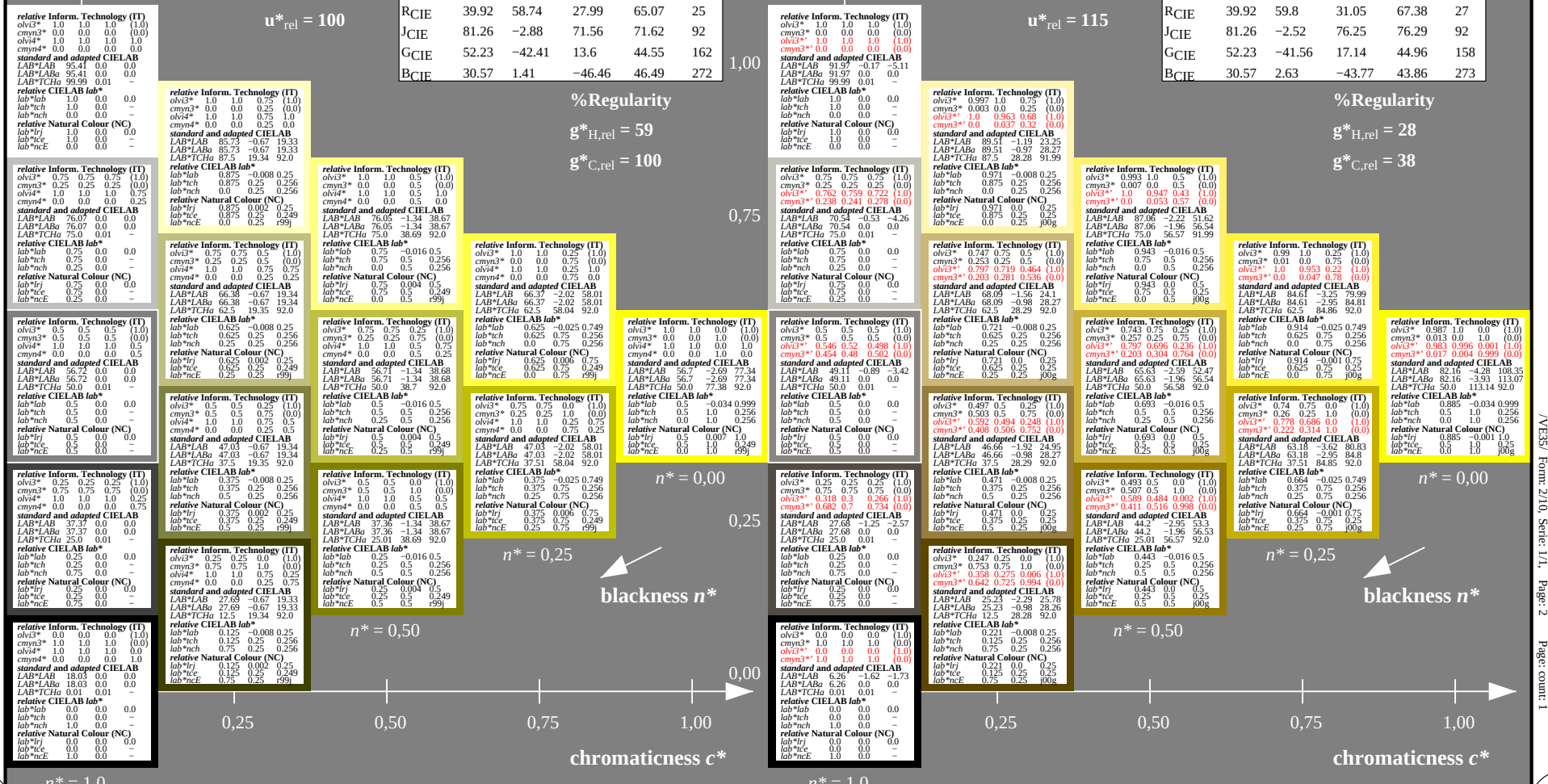
FRS06; adapted (a) CIELAB data

	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



VE350−7, 5 step scales for constant CIELAB hue 92/360 = 0.256 (left)

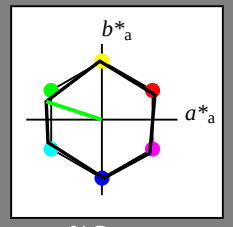
5 step scales for constant CIELAB hue 92/360 = 0.256 (right)

Input: Colorimetric Natural Reflective System CNS18

for hue *h* = lab*h = 162/360 = 0.45*
*lab*tch* and *lab*nch*

D65: hue G
LCH*Ma: 57 77 162
olv*Ma: 0.0 1.0 0.0

triangle lightness *t**



%Gamut
u*rel = 100

%Regularity
g*H,rel = 59
g*C,rel = 100

CNS18; adapted (a) CIELAB data

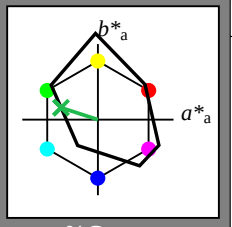
	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	−2.69	77.35	77.4	92
GMa	56.7	−73.6	23.92	77.4	162
G50BMa	56.7	−71.24	−30.23	77.4	203
BMa	56.7	2.7	−77.34	77.4	272
B50RMa	56.7	63.4	−44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	−2.88	71.56	71.62	92
GCIE	52.23	−42.41	13.6	44.55	162
BCIE	30.57	1.41	−46.46	46.49	272

Output: Colorimetric Printer Reflective System FRS06

for hue *h* = lab*h = 162/360 = 0.45*
*lab*tch* and *lab*nch*

D65: hue G
LCH*Ma: 43 51 162
olv*Ma: 0.0 1.0 0.37

triangle lightness *t**



%Gamut
u*rel = 115

%Regularity
g*H,rel = 28
g*C,rel = 38

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

1,00
0,75
0,25
0,00
blackness *n**
chromaticness *c**
0,25
0,50
0,75
1,00
*n** = 1,0
*n** = 0,75
*n** = 0,50
*n** = 0,25
*n** = 0,00

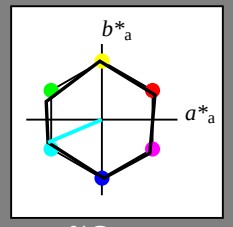
VE350−7, 5 step scales for constant CIELAB hue 162/360 = 0.45 (left)
5 step scales for constant CIELAB hue 162/360 = 0.45 (right)

BAM-test chart VE35; Colorimetric systems CNS18 & FRS06
D65: 2 coordinate data of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *olv*' (TRI9) setrgbcolor*

Input: Colorimetric Natural Reflective System CNS18

for hue *h* = lab*h = 203/360 = 0.564*
*lab*tch* and *lab*nch*



D65: hue G50B
LCH*Ma: 57 77 203
olv*Ma: 0.0 1.0 1.0

triangle lightness *t**

%Gamut
u*rel = 100

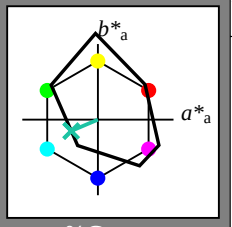
CNS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	−2.69	77.35	77.4	92
GMa	56.7	−73.6	23.92	77.4	162
G50BMa	56.7	−71.24	−30.23	77.4	203
BMa	56.7	2.7	−77.34	77.4	272
B50RMa	56.7	63.4	−44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	−2.88	71.56	71.62	92
GCIE	52.23	−42.41	13.6	44.55	162
BCIE	30.57	1.41	−46.46	46.49	272

%Regularity
g*H,rel = 59
g*C,rel = 100

Output: Colorimetric Printer Reflective System FRS06

for hue *h* = lab*h = 203/360 = 0.564*
*lab*tch* and *lab*nch*



D65: hue G50B
LCH*Ma: 46 38 203
olv*Ma: 0.0 1.0 0.76

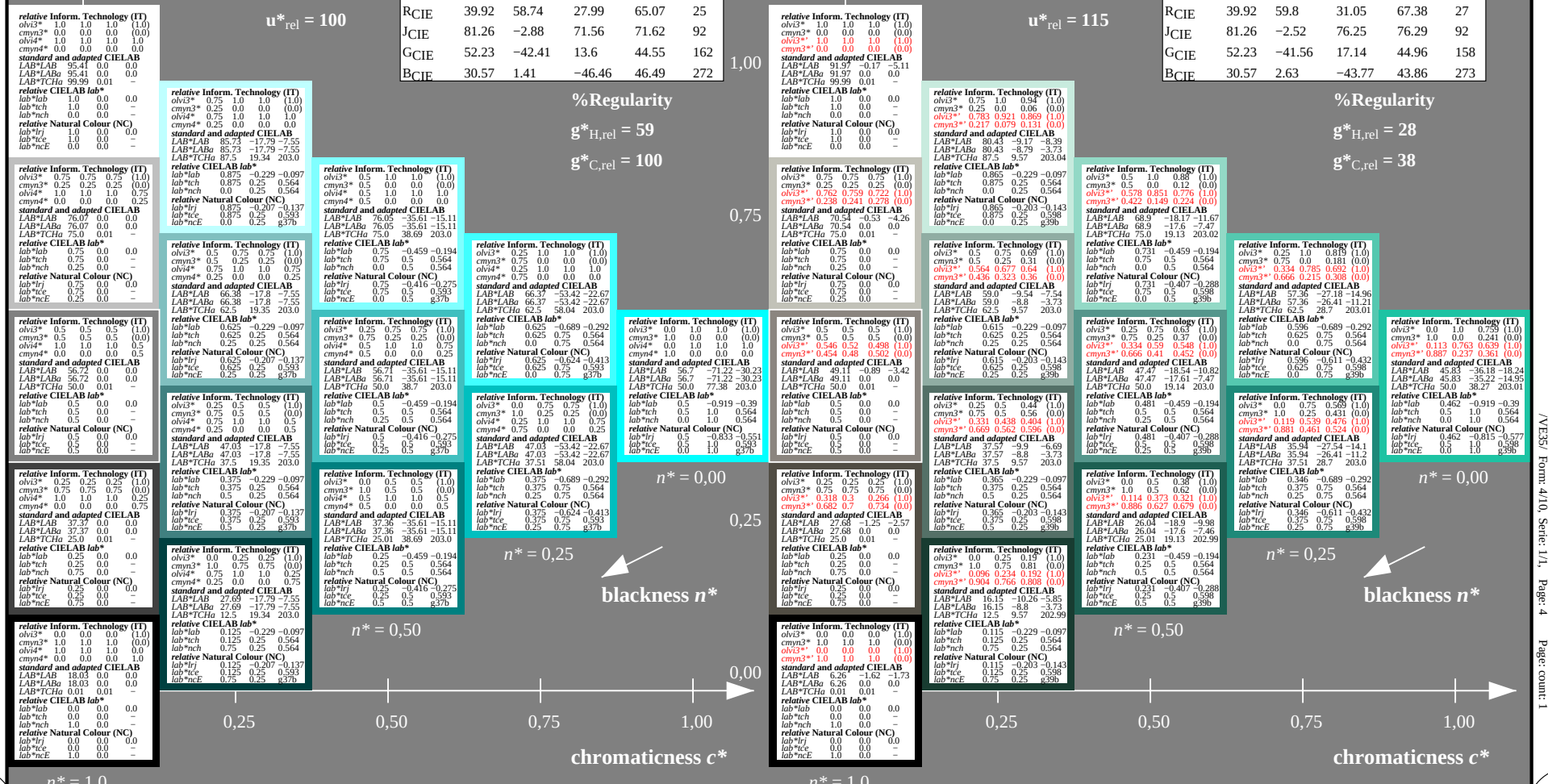
triangle lightness *t**

%Gamut
u*rel = 115

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



VE350−7, 5 step scales for constant CIELAB hue 203/360 = 0.564 (left)

5 step scales for constant CIELAB hue 203/360 = 0.564 (right)

BAM-test chart VE35; Colorimetric systems CNS18 & FRS06
D65: 2 coordinate data of 5 step colour scales for 10 hues

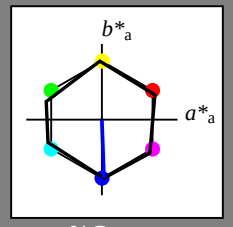
input: *olv* setrgbcolor*
output: *olv*' (TRI9) setrgbcolor*

Input: Colorimetric Natural Reflective System CNS18

for hue *h* = lab*h = 272/360 = 0.756*
*lab*tch* and *lab*nch*

D65: hue B
LCH*Ma: 57 77 272
olv*Ma: 0.0 0.0 1.0

triangle lightness *t**



%Gamut
u*rel = 100

CNS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	−2.69	77.35	77.4	92
GMa	56.7	−73.6	23.92	77.4	162
G50BMa	56.7	−71.24	−30.23	77.4	203
BMa	56.7	2.7	−77.34	77.4	272
B50RMa	56.7	63.4	−44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	−2.88	71.56	71.62	92
GCIE	52.23	−42.41	13.6	44.55	162
BCIE	30.57	1.41	−46.46	46.49	272

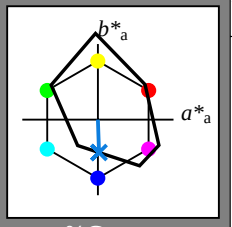
%Regularity
g*H,rel = 59
g*C,rel = 100

Output: Colorimetric Printer Reflective System FRS06

for hue *h* = lab*h = 272/360 = 0.756*
*lab*tch* and *lab*nch*

D65: hue B
LCH*Ma: 35 44 272
olv*Ma: 0.0 0.65 1.0

triangle lightness *t**



%Gamut
u*rel = 115

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
0,50
0,25
0,00
blackness *n**
*n** = 1,0
*n** = 0,75
*n** = 0,50
*n** = 0,25
*n** = 0,00
0,25
0,50
0,75
1,00
chromaticness *c**

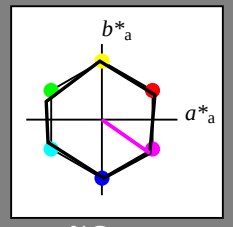
VE350−7, 5 step scales for constant CIELAB hue 272/360 = 0.756 (left)
5 step scales for constant CIELAB hue 272/360 = 0.756 (right)

Input: Colorimetric Natural Reflective System CNS18

for hue *h* = lab*h = 325/360 = 0.903*
*lab*tch* and *lab*nch*

D65: hue B50R
LCH*Ma: 57 77 325
olv*Ma: 1.0 0.0 1.0

triangle lightness *t**



%Gamut
u*rel = 100

CNS18; adapted (a) CIELAB data	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	−2.69	77.35	77.4	92
GMa	56.7	−73.6	23.92	77.4	162
G50BMa	56.7	−71.24	−30.23	77.4	203
BMa	56.7	2.7	−77.34	77.4	272
B50RMa	56.7	63.4	−44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	−2.88	71.56	71.62	92
GCIE	52.23	−42.41	13.6	44.55	162
BCIE	30.57	1.41	−46.46	46.49	272

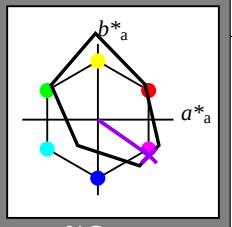
1,00
%Regularity
g*H,rel = 59
g*C,rel = 100
0,75
0,50
0,25
0,00
n* = 0,00
n* = 0,25
n* = 0,50
n* = 1,0
blackness *n**
chromaticness *c**
0,25
0,50
0,75
1,00

Output: Colorimetric Printer Reflective System FRS06

for hue *h* = lab*h = 325/360 = 0.903*
*lab*tch* and *lab*nch*

D65: hue B50R
LCH*Ma: 22 83 325
olv*Ma: 0.5 0.0 1.0

triangle lightness *t**



%Gamut
u*rel = 115

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

1,00
%Regularity
g*H,rel = 28
g*C,rel = 38
0,75
0,50
0,25
0,00
n* = 0,00
n* = 0,25
n* = 0,50
n* = 1,0
blackness *n**
chromaticness *c**
0,25
0,50
0,75
1,00

VE350−7, 5 step scales for constant CIELAB hue 325/360 = 0.903 (left)

5 step scales for constant CIELAB hue 325/360 = 0.903 (right)

BAM-test chart VE35; Colorimetric systems CNS18 & FRS06
D65: 2 coordinate data of 5 step colour scales for 10 hues

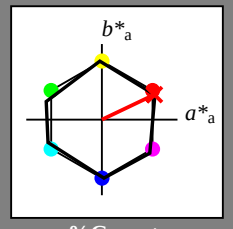
input: *olv* setrgbcolor*
output: *olv*' (TRI9) setrgbcolor*

Input: Colorimetric Natural Reflective System CNS18

for hue *h* = lab*h = 25/360 = 0.071*
*lab*tch* and *lab*nch*

D65: hue R
LCH*Ma: 57 77 25
olv*Ma: 1.0 0.01 0.0

triangle lightness *t**



%Gamut
u*rel = 100

CNS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	−2.69	77.35	77.4	92
GMa	56.7	−73.6	23.92	77.4	162
G50BMa	56.7	−71.24	−30.23	77.4	203
BMa	56.7	2.7	−77.34	77.4	272
B50RMa	56.7	63.4	−44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	−2.88	71.56	71.62	92
GCIE	52.23	−42.41	13.6	44.55	162
BCIE	30.57	1.41	−46.46	46.49	272

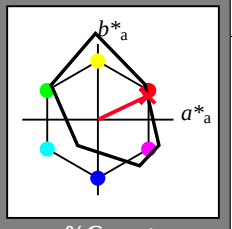
1,00
%Regularity
g*H,rel = 59
g*C,rel = 100
0,75
0,50
0,25
0,00
blackness *n**
chromaticness *c**
0,25
0,50
0,75
1,00
*n** = 1,0
*n** = 0,75
*n** = 0,50
*n** = 0,25
*n** = 0,00

Output: Colorimetric Printer Reflective System FRS06

for hue *h* = lab*h = 25/360 = 0.071*
*lab*tch* and *lab*nch*

D65: hue R
LCH*Ma: 33 73 25
olv*Ma: 1.0 0.0 0.19

triangle lightness *t**



%Gamut
u*rel = 115

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

VE350−7, 5 step scales for constant CIELAB hue 25/360 = 0.071 (left)
5 step scales for constant CIELAB hue 25/360 = 0.071 (right)

BAM-test chart VE35; Colorimetric systems CNS18 & FRS06
D65: 2 coordinate data of 5 step colour scales for 10 hues

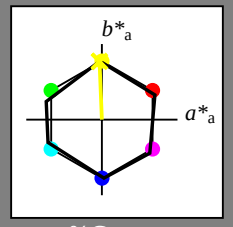
input: *olv* setrgbcolor*
output: *olv*' (TRI9) setrgbcolor*

Input: Colorimetric Natural Reflective System CNS18

for hue *h* = lab*h = 92/360 = 0.256*
*lab*tch* and *lab*nch*

D65: hue J
LCH*Ma: 57 77 92
olv*Ma: 0.99 1.0 0.0

triangle lightness *t**



%Gamut
u*rel = 100

CNS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	−2.69	77.35	77.4	92
GMa	56.7	−73.6	23.92	77.4	162
G50BMa	56.7	−71.24	−30.23	77.4	203
BMa	56.7	2.7	−77.34	77.4	272
B50RMa	56.7	63.4	−44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	−2.88	71.56	71.62	92
GCIE	52.23	−42.41	13.6	44.55	162
BCIE	30.57	1.41	−46.46	46.49	272

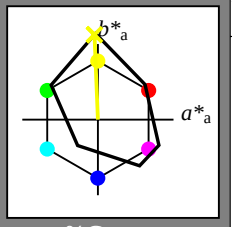
%Regularity
g*H,rel = 59
g*C,rel = 100

Output: Colorimetric Printer Reflective System FRS06

for hue *h* = lab*h = 92/360 = 0.256*
*lab*tch* and *lab*nch*

D65: hue J
LCH*Ma: 82 112 92
olv*Ma: 0.98 1.0 0.0

triangle lightness *t**

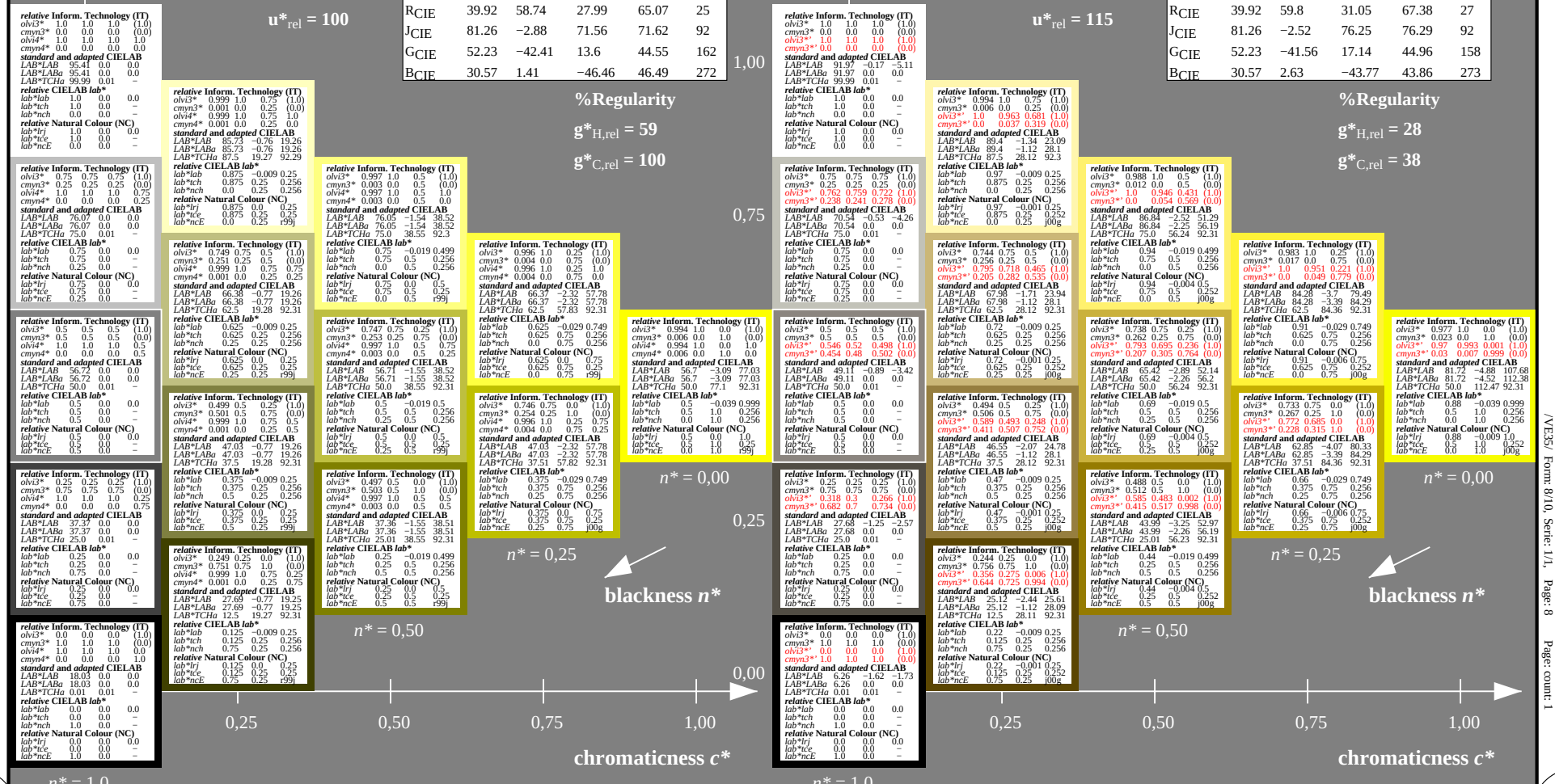


%Gamut
u*rel = 115

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



VE350−7, 5 step scales for constant CIELAB hue 92/360 = 0.256 (left)

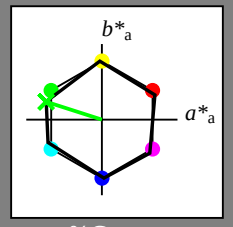
5 step scales for constant CIELAB hue 92/360 = 0.256 (right)

Input: Colorimetric Natural Reflective System CNS18

for hue *h* = lab*h = 162/360 = 0.451*
*lab*tch* and *lab*nch*

D65: hue G
LCH*Ma: 57 77 162
olv*Ma: 0.0 1.0 0.01

triangle lightness *t**



%Gamut
u*rel = 100

CNS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	−2.69	77.35	77.4	92
GMa	56.7	−73.6	23.92	77.4	162
G50BMa	56.7	−71.24	−30.23	77.4	203
BMa	56.7	2.7	−77.34	77.4	272
B50RMa	56.7	63.4	−44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	−2.88	71.56	71.62	92
GCIE	52.23	−42.41	13.6	44.55	162
BCIE	30.57	1.41	−46.46	46.49	272

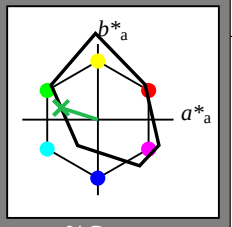
%Regularity
g*H,rel = 59
g*C,rel = 100

Output: Colorimetric Printer Reflective System FRS06

for hue *h* = lab*h = 162/360 = 0.451*
*lab*tch* and *lab*nch*

D65: hue G
LCH*Ma: 43 51 162
olv*Ma: 0.0 1.0 0.38

triangle lightness *t**



%Gamut
u*rel = 115

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
0,25
0,00
n* = 0,00
n* = 0,25
n* = 0,50
n* = 1,0
blackness *n**
0,25
0,50
0,75
1,00
chromaticness *c**

VE350−7, 5 step scales for constant CIELAB hue 162/360 = 0.451 (left)
5 step scales for constant CIELAB hue 162/360 = 0.451 (right)

BAM-test chart VE35; Colorimetric systems CNS18 & FRS06
D65: 2 coordinate data of 5 step colour scales for 10 hues

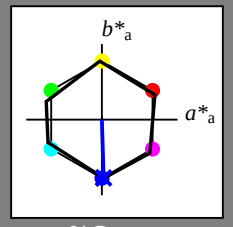
input: *olv* setrgbcolor*
output: *olv*' (TRI9) setrgbcolor*

Input: Colorimetric Natural Reflective System CNS18

for hue $h^* = lab^*h = 272/360 = 0.755$
*lab*tch* and *lab*nch*

D65: hue B
LCH*Ma: 57 77 272
olv*Ma: 0.0 0.0 1.0

triangle lightness t^*



%Gamut
u^*_{rel} = 100

CNS18; adapted (a) CIELAB data

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

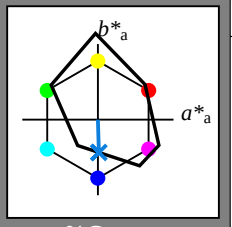
%Regularity
$g^*_{H,rel}$ = 59
$g^*_{C,rel}$ = 100

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 272/360 = 0.755$
*lab*tch* and *lab*nch*

D65: hue B
LCH*Ma: 35 43 272
olv*Ma: 0.0 0.66 1.0

triangle lightness t^*

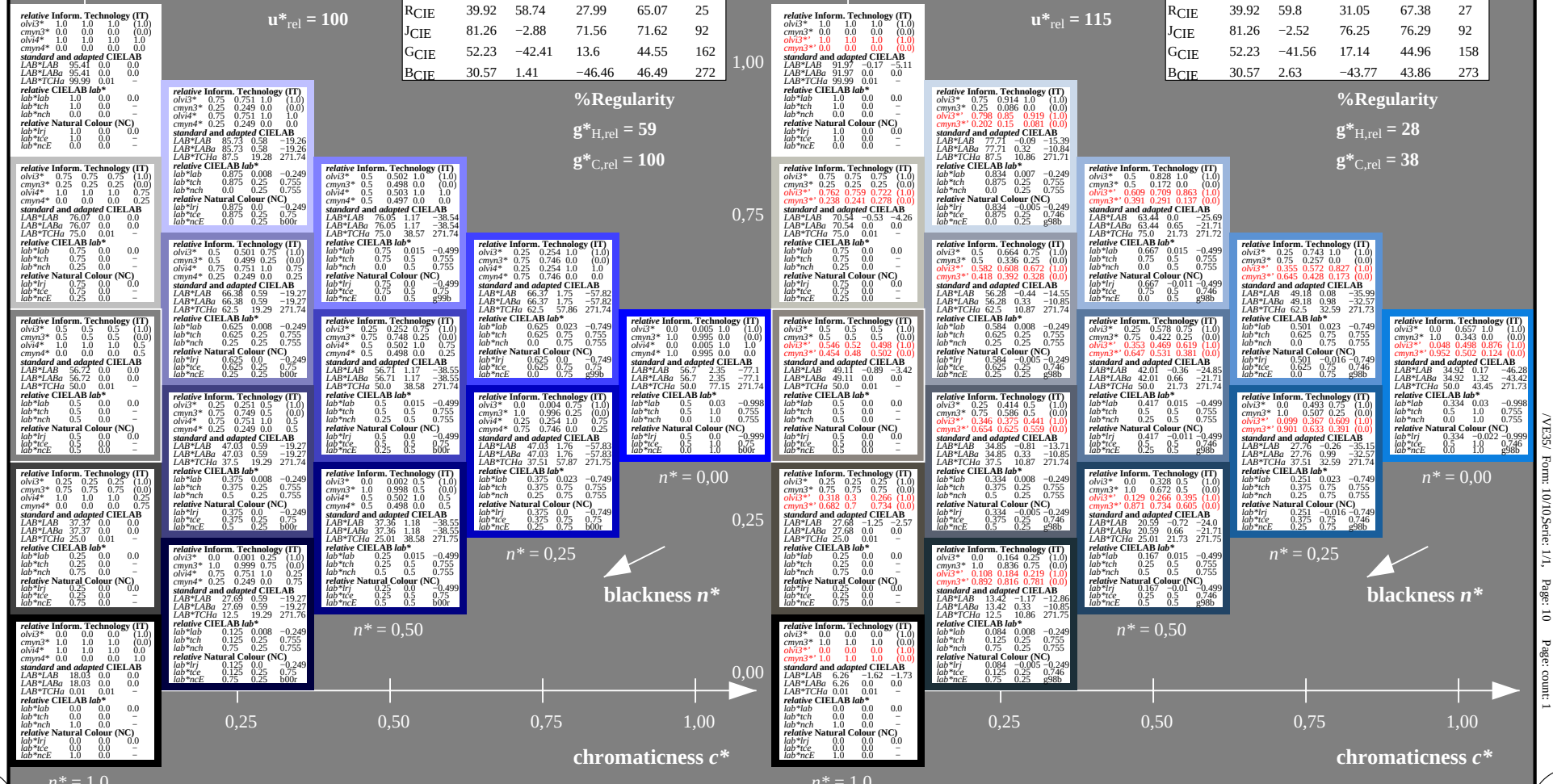


%Gamut
u^*_{rel} = 115

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



VE350−7, 5 step scales for constant CIELAB hue 272/360 = 0.755 (left)

5 step scales for constant CIELAB hue 272/360 = 0.755 (right)