

Input: Colorimetric Printer Reflective System FRS06

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

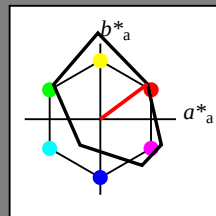
$lab \cdot tch$ and $lab \cdot nch$

D65: hue O

LCH*Ma: 33 78 37

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 115$

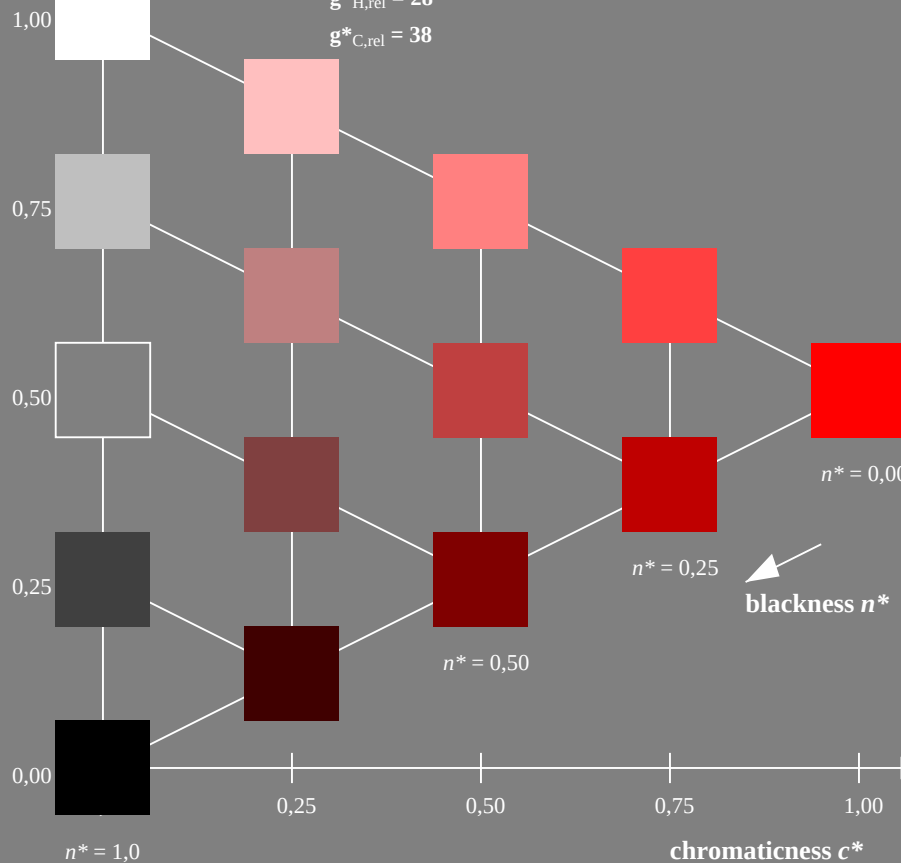
%Regularity

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

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

FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	32.57	62.32	46.49	77.75	37
Y_m	82.73	-3.16	113.99	114.03	92
L_m	39.43	-61.79	45.84	76.95	143
C_m	47.86	-26.79	-34.24	43.49	232
V_m	10.16	55.12	-61.03	82.24	312
M_m	34.5	80.68	-33.92	87.52	337
N_m	6.25	0.0	0.0	0.0	0
W_m	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



VE220-7, 5 step scales for constant CIELAB hue 37/360 = 0.102 (left)

Output: Colorimetric Printer Reflective System FRS06

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

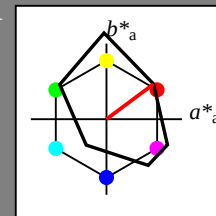
$LAB \cdot LCH$, $LAB \cdot NCH$

D65: hue O

LCH*Ma: 33 78 37

olv*Ma: 1.0 0.0 0.0

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 115$

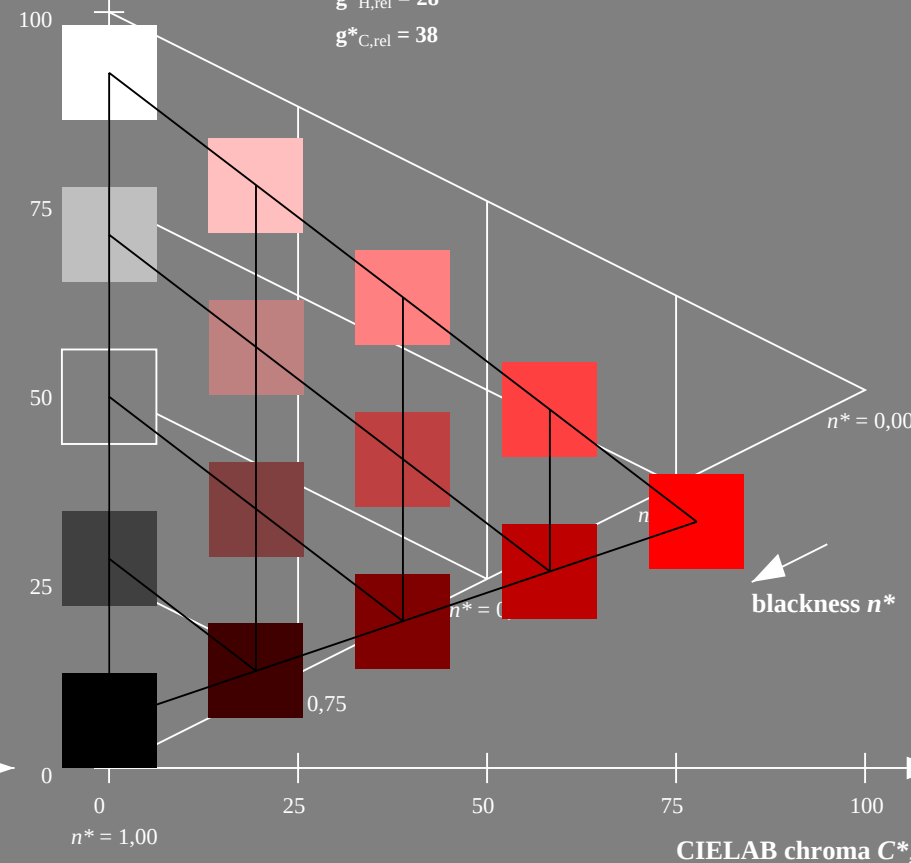
%Regularity

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

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

FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	32.57	62.32	46.49	77.75	37
Y_m	82.73	-3.16	113.99	114.03	92
L_m	39.43	-61.79	45.84	76.95	143
C_m	47.86	-26.79	-34.24	43.49	232
V_m	10.16	55.12	-61.03	82.24	312
M_m	34.5	80.68	-33.92	87.52	337
N_m	6.25	0.0	0.0	0.0	0
W_m	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



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

BAM-test chart VE22; Colorimetric systems FRS06 & FRS06

D65: Coordinate systems of 5 step colour scales for 10 hues

input: $olv^* setrgbcolor$

output: no change compared to input

Input: Colorimetric Printer Reflective System FRS06

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

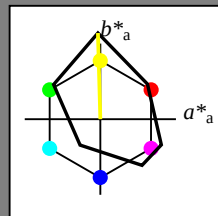
$lab \cdot tch$ and $lab \cdot nch$

D65: hue Y

LCH*Ma: 83 114 92

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 115$

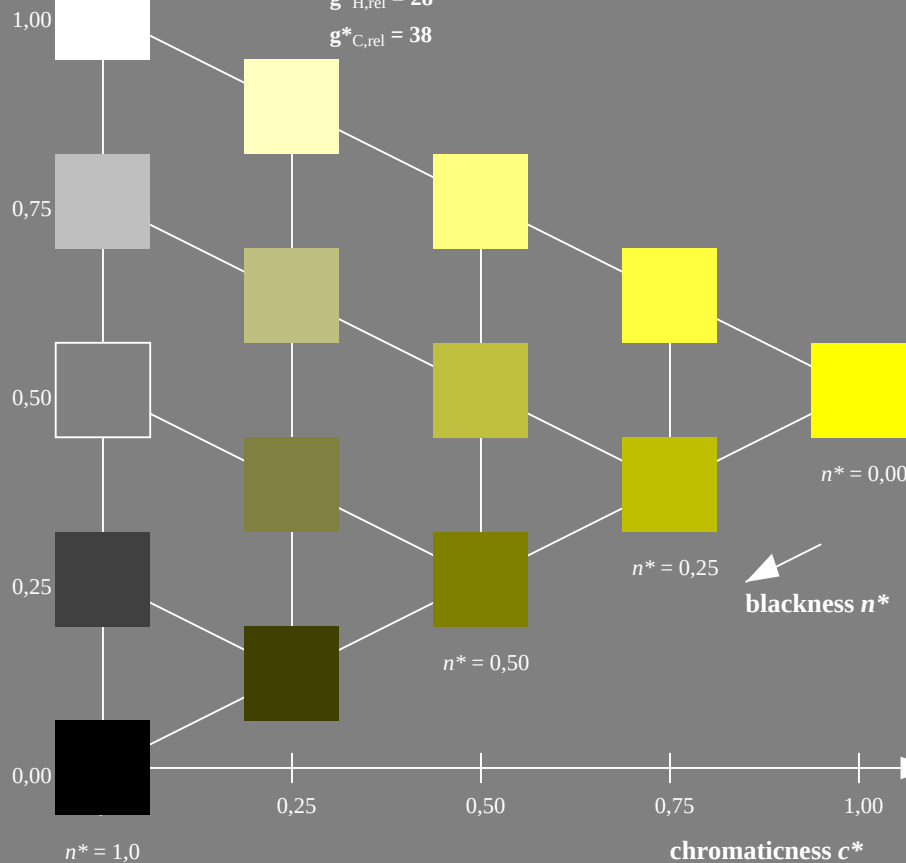
%Regularity

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

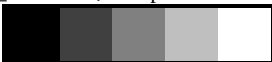
$g^*_{C,rel} = 38$

FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	32.57	62.32	46.49	77.75	37
Y_m	82.73	-3.16	113.99	114.03	92
L_m	39.43	-61.79	45.84	76.95	143
C_m	47.86	-26.79	-34.24	43.49	232
V_m	10.16	55.12	-61.03	82.24	312
M_m	34.5	80.68	-33.92	87.52	337
N_m	6.25	0.0	0.0	0.0	0
W_m	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



VE220-7, 5 step scales for constant CIELAB hue 92/360 = 0.254 (left)



BAM-test chart VE22; Colorimetric systems FRS06 & FRS06
D65: Coordinate systems of 5 step colour scales for 10 hues

Output: Colorimetric Printer Reflective System FRS06

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

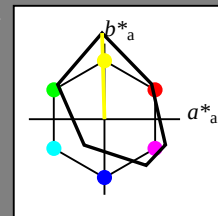
$LAB \cdot LCH$, $LAB \cdot NCH$

D65: hue Y

LCH*Ma: 83 114 92

olv*Ma: 1.0 1.0 0.0

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 115$

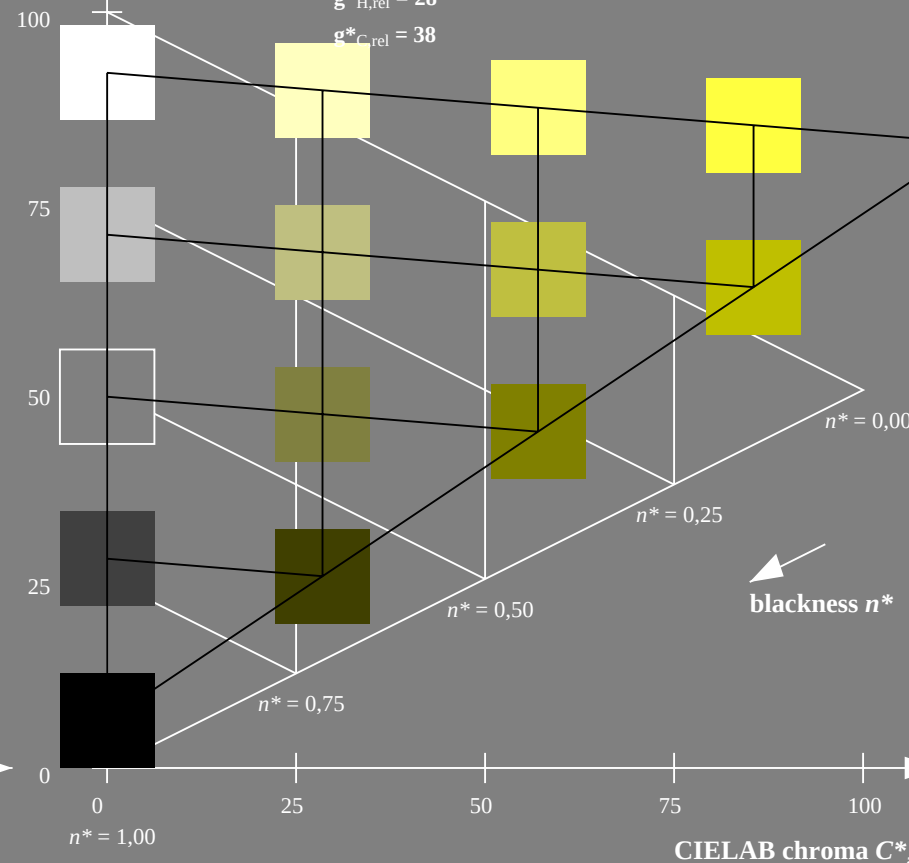
%Regularity

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

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

FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	32.57	62.32	46.49	77.75	37
Y_m	82.73	-3.16	113.99	114.03	92
L_m	39.43	-61.79	45.84	76.95	143
C_m	47.86	-26.79	-34.24	43.49	232
V_m	10.16	55.12	-61.03	82.24	312
M_m	34.5	80.68	-33.92	87.52	337
N_m	6.25	0.0	0.0	0.0	0
W_m	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



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

input: olv* setrgbcolor

output: no change compared to input



Input: Colorimetric Printer Reflective System FRS06

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

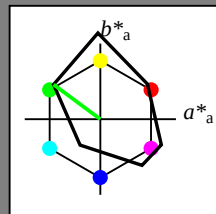
$lab \cdot tch$ and $lab \cdot nch$

D65: hue L

LCH*Ma: 39 77 143

olv*Ma: 0.0 1.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 115$

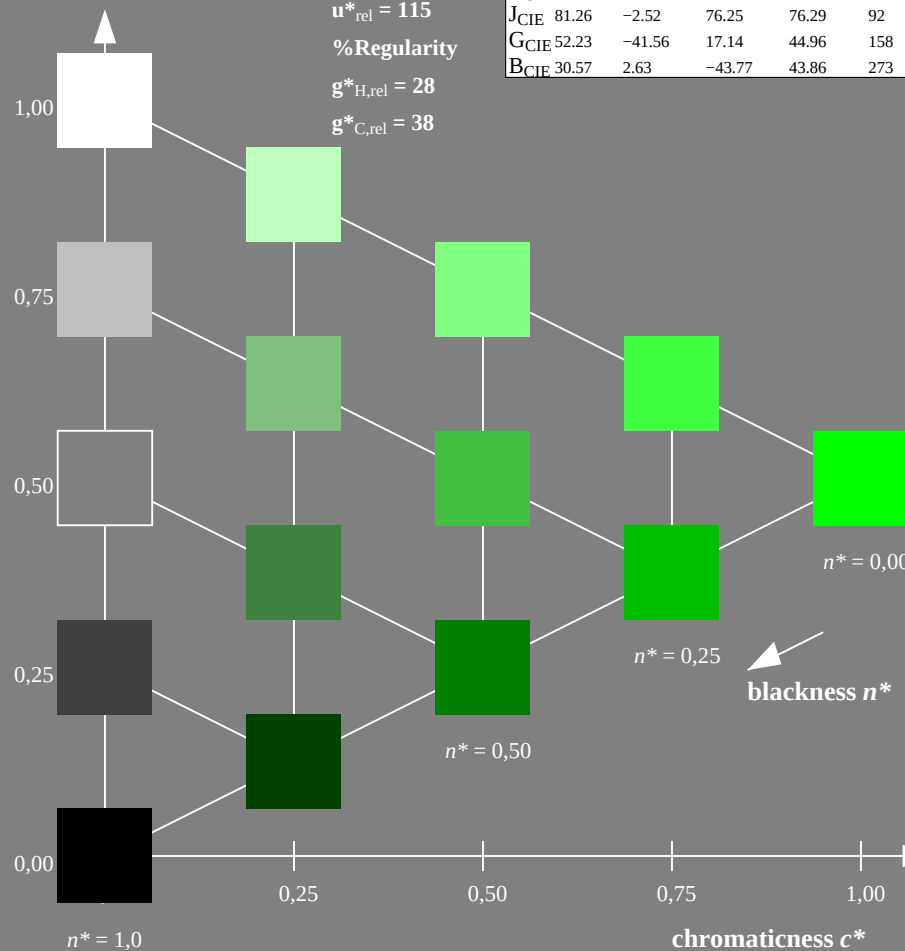
%Regularity

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

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

FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	32.57	62.32	46.49	77.75	37
Y_m	82.73	-3.16	113.99	114.03	92
L_m	39.43	-61.79	45.84	76.95	143
C_m	47.86	-26.79	-34.24	43.49	232
V_m	10.16	55.12	-61.03	82.24	312
M_m	34.5	80.68	-33.92	87.52	337
N_m	6.25	0.0	0.0	0.0	0
W_m	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



VE220-7, 5 step scales for constant CIELAB hue 143/360 = 0.398 (left)

Output: Colorimetric Printer Reflective System FRS06

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

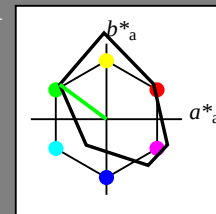
$LAB \cdot LCH$, $LAB \cdot NCH$

D65: hue L

LCH*Ma: 39 77 143

olv*Ma: 0.0 1.0 0.0

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 115$

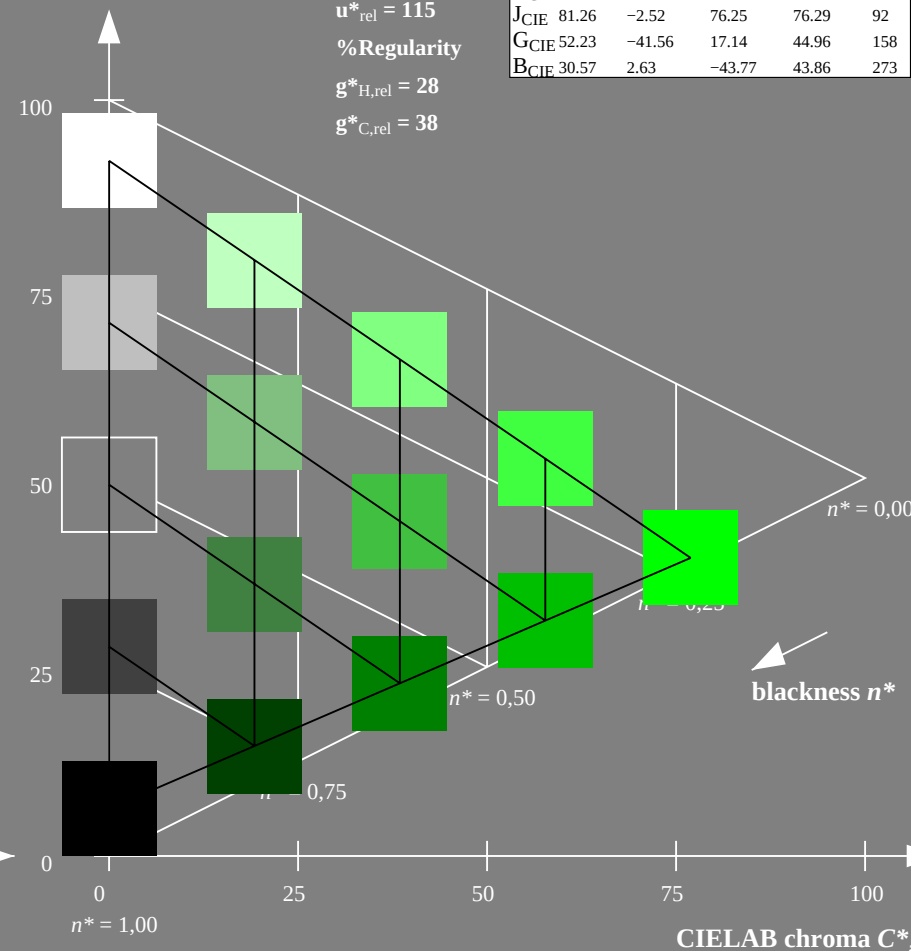
%Regularity

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

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

FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	32.57	62.32	46.49	77.75	37
Y_m	82.73	-3.16	113.99	114.03	92
L_m	39.43	-61.79	45.84	76.95	143
C_m	47.86	-26.79	-34.24	43.49	232
V_m	10.16	55.12	-61.03	82.24	312
M_m	34.5	80.68	-33.92	87.52	337
N_m	6.25	0.0	0.0	0.0	0
W_m	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



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

BAM-test chart VE22; Colorimetric systems FRS06 & FRS06
D65: Coordinate systems of 5 step colour scales for 10 hues

input: olv* setrgbcolor
output: no change compared to input

-See for similar files: <http://www.ps.bam.de/VE22/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM registration: 20060101-VE22/10/L122E03NP.PS.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

/VE22 Form 4/10, Serie: 1/L, Page: 4 Page count: 1

/VE22/ Form: 4/10, Serie: 1/1, Page: 4 Page: count: 1

Page: count: 1

Input: Colorimetric Printer Reflective System FRS06

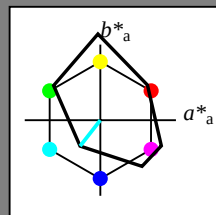
for hue $h^* = lab^*h = 232/360 = 0.644$

lab*tch and lab*nch

D65: hue C

LCH*Ma: 48 43 232

olv*Ma: 0.0 1.0 1.0



FRS06; adapted (a) CIELAB data

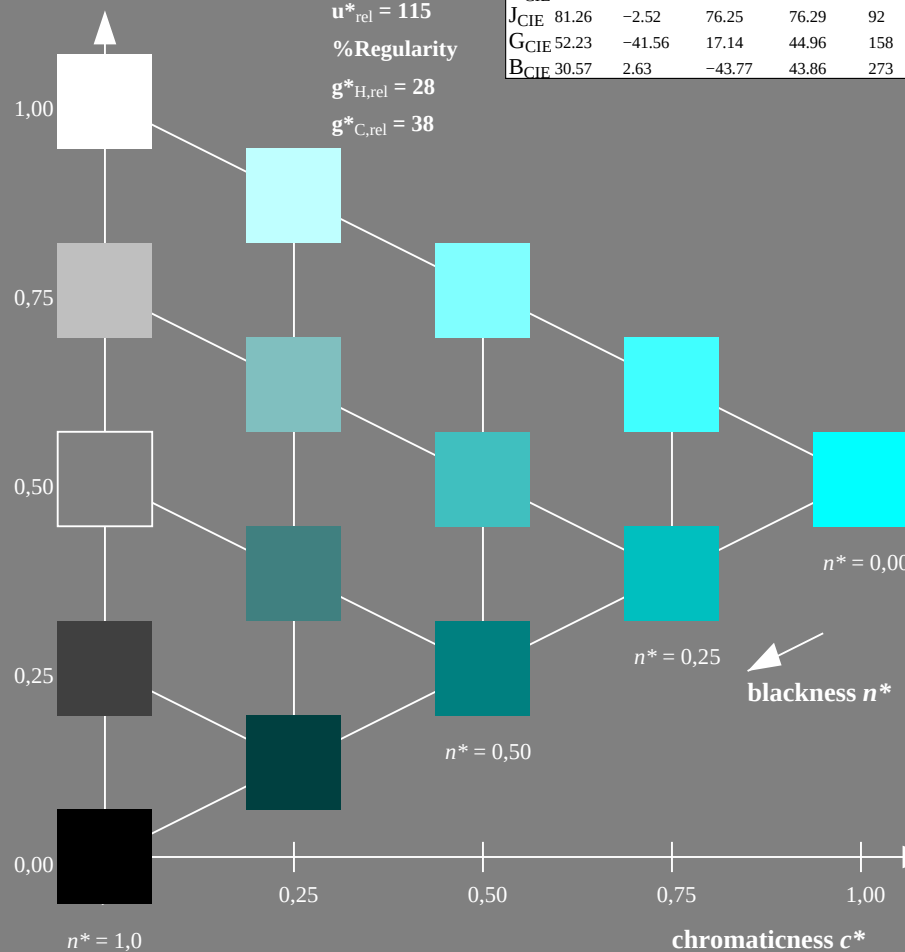
	$L^* = L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O _m	32.57	62.32	46.49	77.75	37
Y _m	82.73	-3.16	113.99	114.03	92
L _m	39.43	-61.79	45.84	76.95	143
C _m	47.86	-26.79	-34.24	43.49	232
V _m	10.16	55.12	-61.03	82.24	312
M _m	34.5	80.68	-33.92	87.52	337
N _m	6.25	0.0	0.0	0.0	0
W _m	91.97	0.0	0.0	0.0	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

triangle lightness t^*

% Gamut

$$\mathbf{u}_{\text{rel}}^* = 115$$

%Regularity

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


VE220-7, 5 step scales for constant CIELAB hue 232/360 = 0.644 (left)

BAM-test chart VE22; Colorimetric systems FRS06 & FRS06

D65: Coordinate systems of 5 step colour scales for 10 hues

Output: Colorimetric Printer Reflective System FRS06

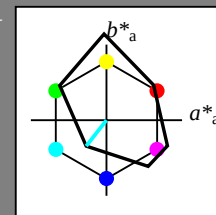
for hue $h^* = lab^*h = 232/360 = 0.644$

*LAB*LCH, LAB*NCH*

D65: hue C

LCH*Ma: 48 43 232

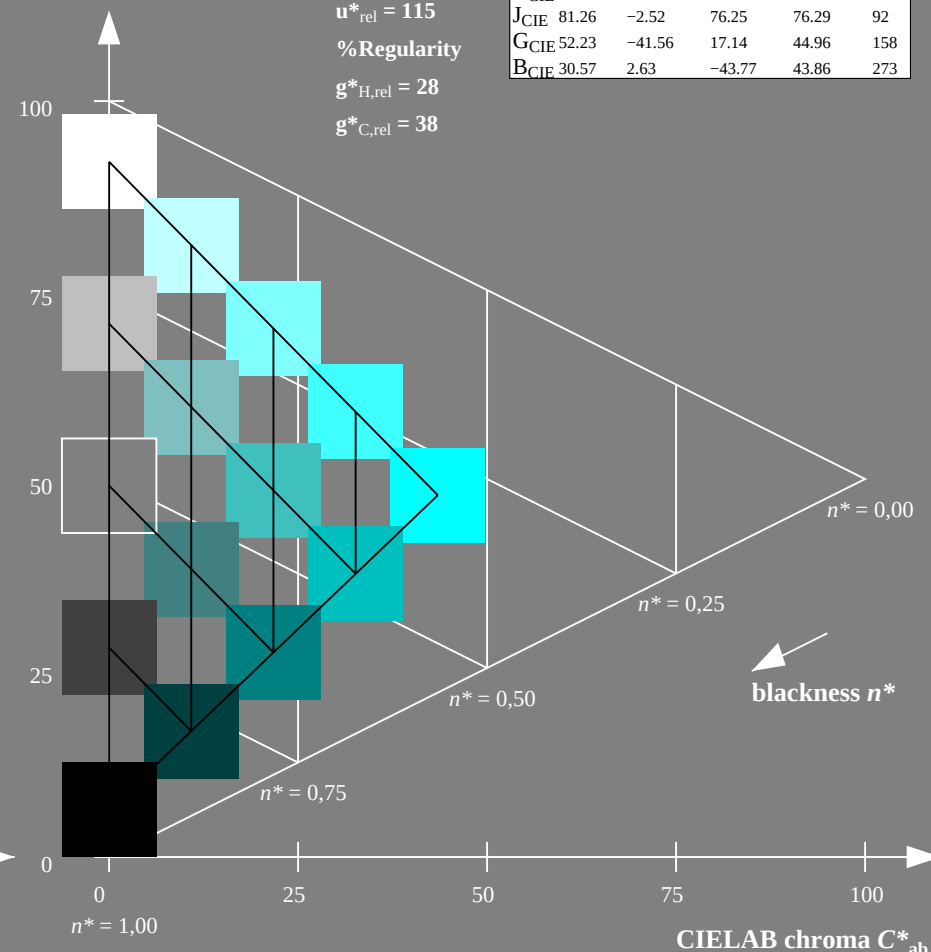
olv*Ma: 0.0 1.0 1.0

CIELAB lightness L^*

%Gamut

$$\mathbf{u}_{rel}^* = 115$$

%Regularity

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


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

```
input: olv* setrgbcolor
```

output: *no change compared to input*

Input: Colorimetric Printer Reflective System FRS06

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

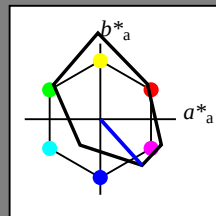
$lab \cdot tch$ and $lab \cdot nch$

D65: hue V

LCH*Ma: 10 82 312

olv*Ma: 0.0 0.0 1.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 115$

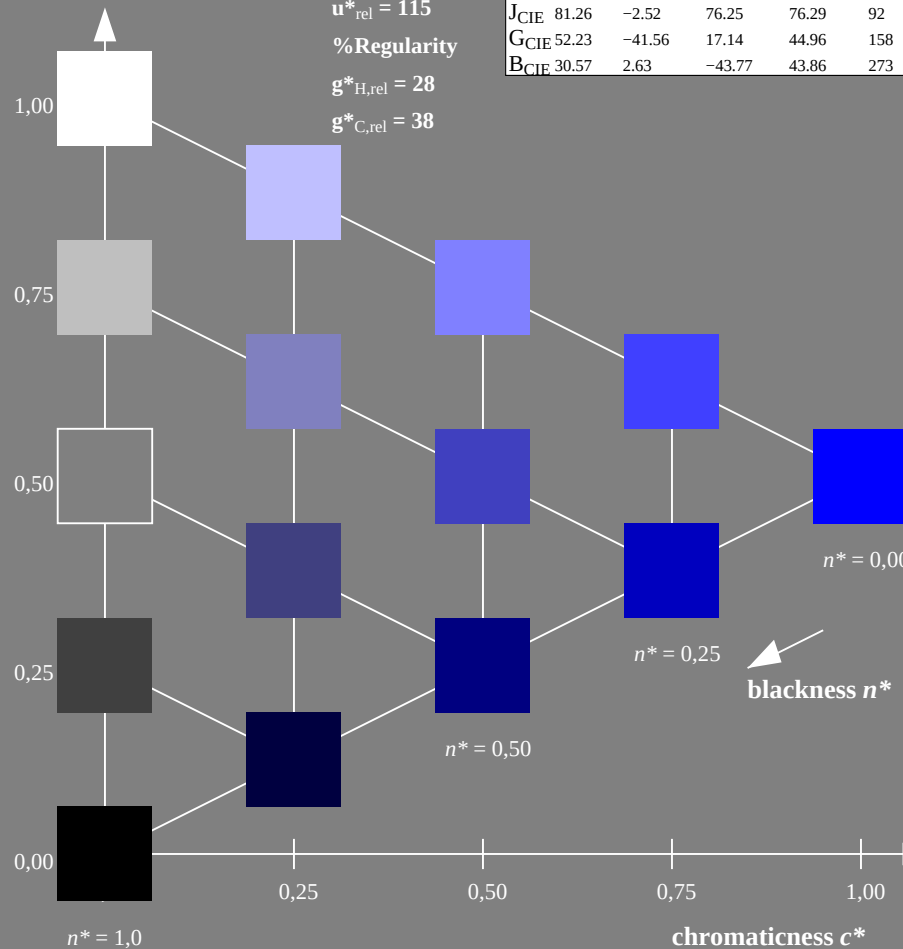
%Regularity

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

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

FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	32.57	62.32	46.49	77.75	37
Y_m	82.73	-3.16	113.99	114.03	92
L_m	39.43	-61.79	45.84	76.95	143
C_m	47.86	-26.79	-34.24	43.49	232
V_m	10.16	55.12	-61.03	82.24	312
M_m	34.5	80.68	-33.92	87.52	337
N_m	6.25	0.0	0.0	0.0	0
W_m	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



VE220-7, 5 step scales for constant CIELAB hue 312/360 = 0.867 (left)

BAM-test chart VE22; Colorimetric systems FRS06 & FRS06

D65: Coordinate systems of 5 step colour scales for 10 hues

Output: Colorimetric Printer Reflective System FRS06

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

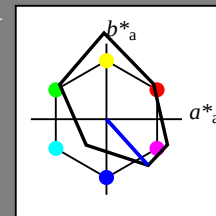
$LAB \cdot LCH$, $LAB \cdot NCH$

D65: hue V

LCH*Ma: 10 82 312

olv*Ma: 0.0 0.0 1.0

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 115$

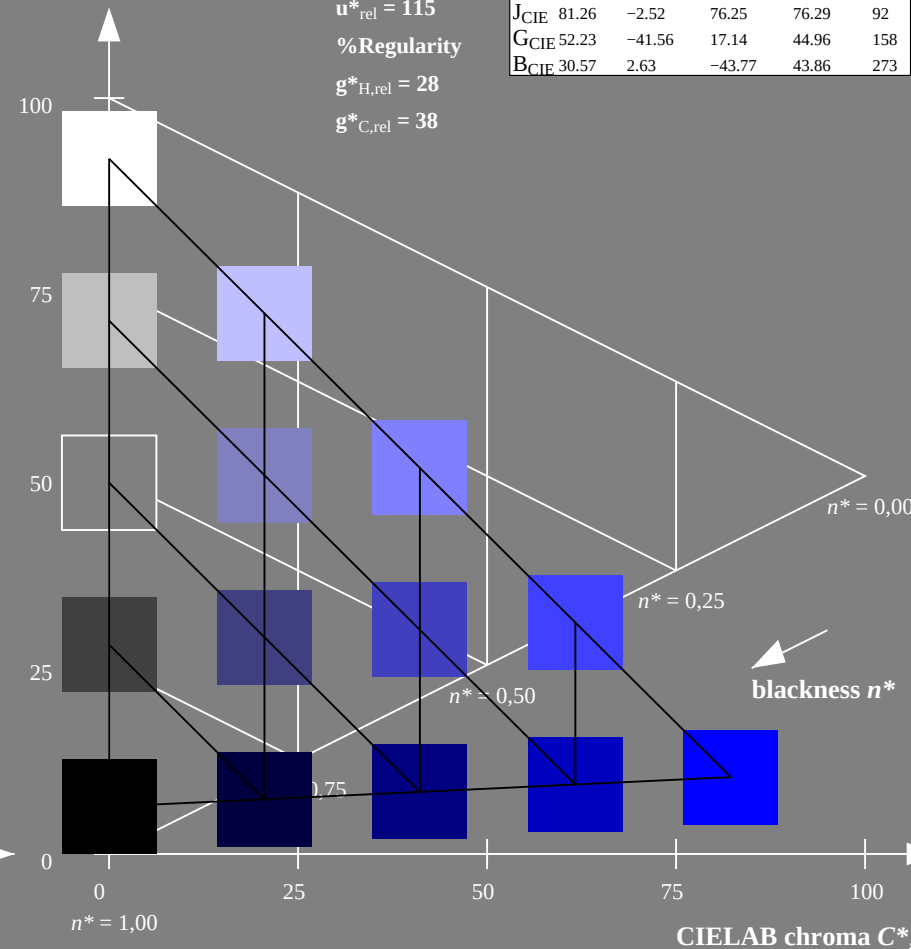
%Regularity

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

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

FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	32.57	62.32	46.49	77.75	37
Y_m	82.73	-3.16	113.99	114.03	92
L_m	39.43	-61.79	45.84	76.95	143
C_m	47.86	-26.79	-34.24	43.49	232
V_m	10.16	55.12	-61.03	82.24	312
M_m	34.5	80.68	-33.92	87.52	337
N_m	6.25	0.0	0.0	0.0	0
W_m	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



5 step scales for constant CIELAB hue 312/360 = 0.867 (right)

input: $olv \cdot setrgbcolor$

output: no change compared to input

Input: Colorimetric Printer Reflective System FRS06

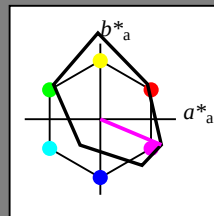
for hue $h^* = lab^*h = 337/360 = 0.937$

*lab*tch* and *lab*nch*

D65: hue M

LCH*Ma: 35 88 337

olv*Ma: 1.0 0.0 1.0

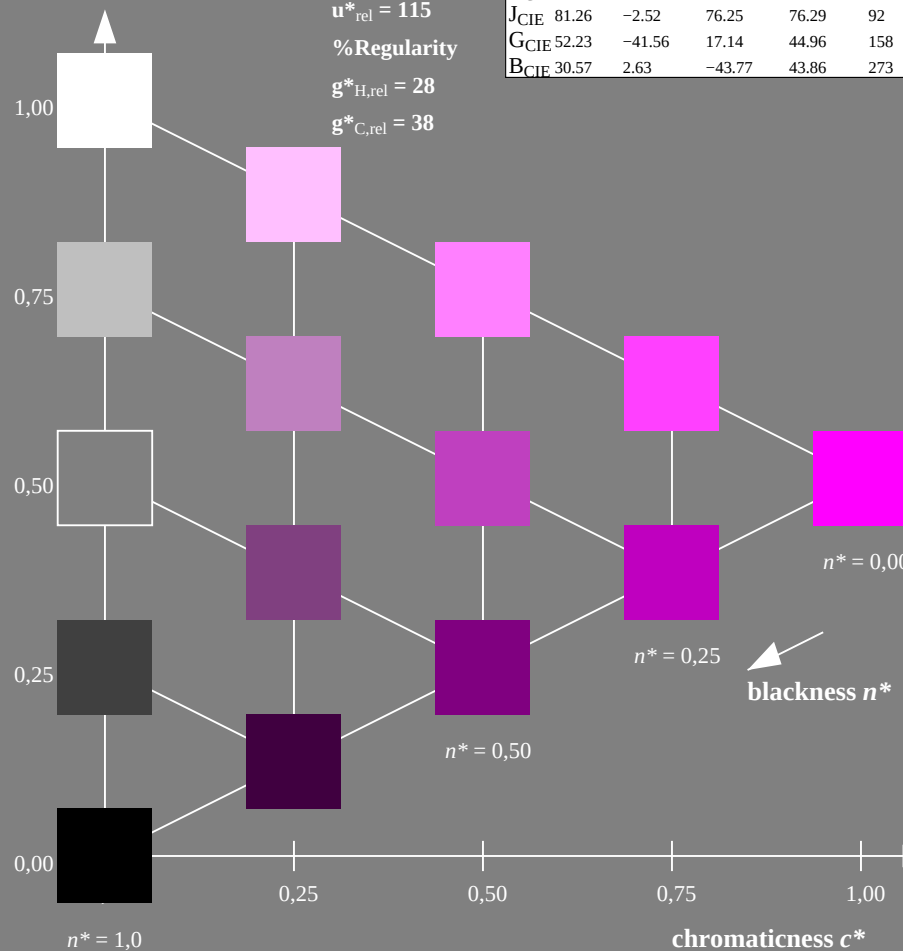


triangle lightness t^*

% Gamut

$$\mathbf{u}_{\text{rel}}^* = 115$$

%Regularity

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


VE220-7, 5 step scales for constant CIELAB hue 337/360 = 0.937 (left)

BAM-test chart VE22; Colorimetric systems FRS06 & FRS06

D65: Coordinate systems of 5 step colour scales for 10 hues

Output: Colorimetric Printer Reflective System FRS06

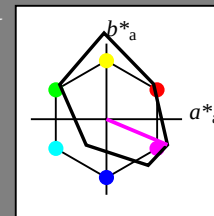
for hue $h^* = lab^*h = 337/360 = 0.937$

*LAB*LCH, LAB*NCH*

D65: hue M

LCH*Ma: 35 88 337

olv*Ma: 1.0 0.0 1.0

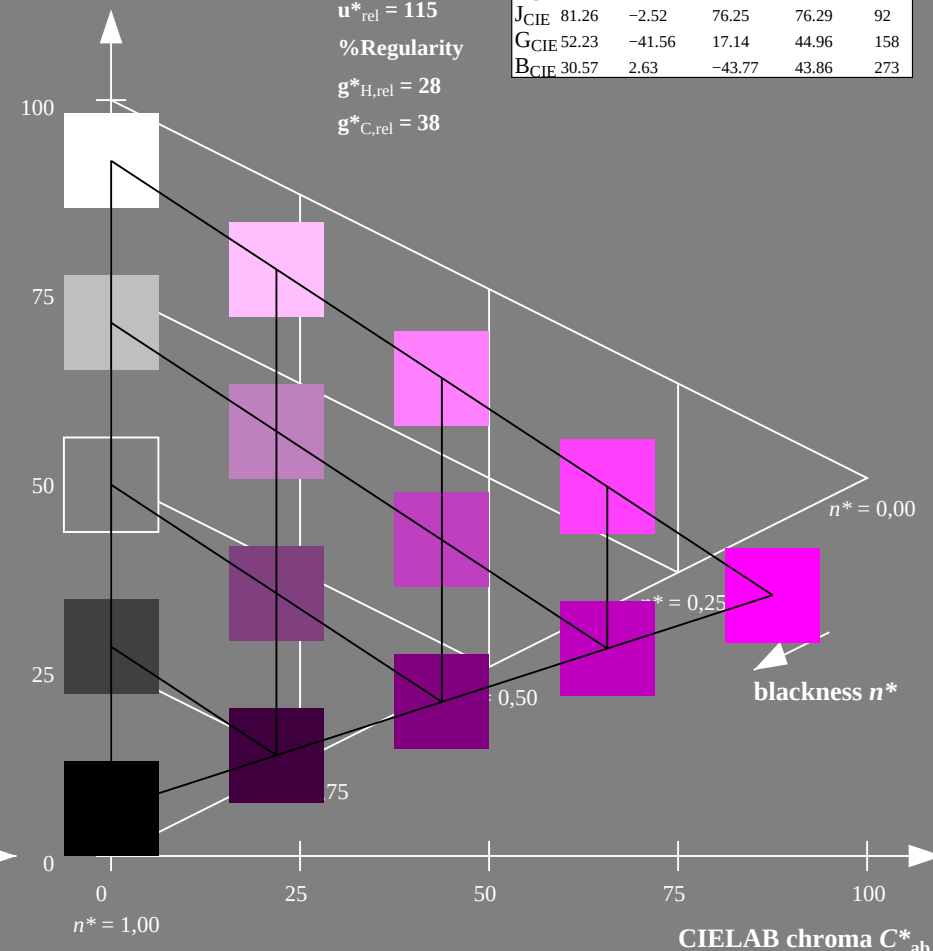


CIELAB lightness L^*

%Gamut

$$\mathbf{u}_{\text{rel}}^* = 115$$

%Regularity

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


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

input: *olv** *setrgbcolor*

output: *no change compared to input*

-See for similar files: <http://www.ps.bam.de/VE22/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM registration: 20060101-VE22/10/L/22E06NP.PS.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems
/VE22/ Form: 7/10, Serie: 1/L, Page: 7 Page: count: 1

Input: Colorimetric Printer Reflective System FRS06

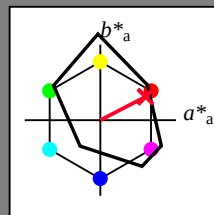
for hue $h^* = lab^*h = 27/360 = 0.076$

lab*tch and lab*nch

D65: hue R

LCH*Ma: 33 73 27

olv*Ma: 1.0 0.0 0.16



FRS06; adapted (a) CIELAB data

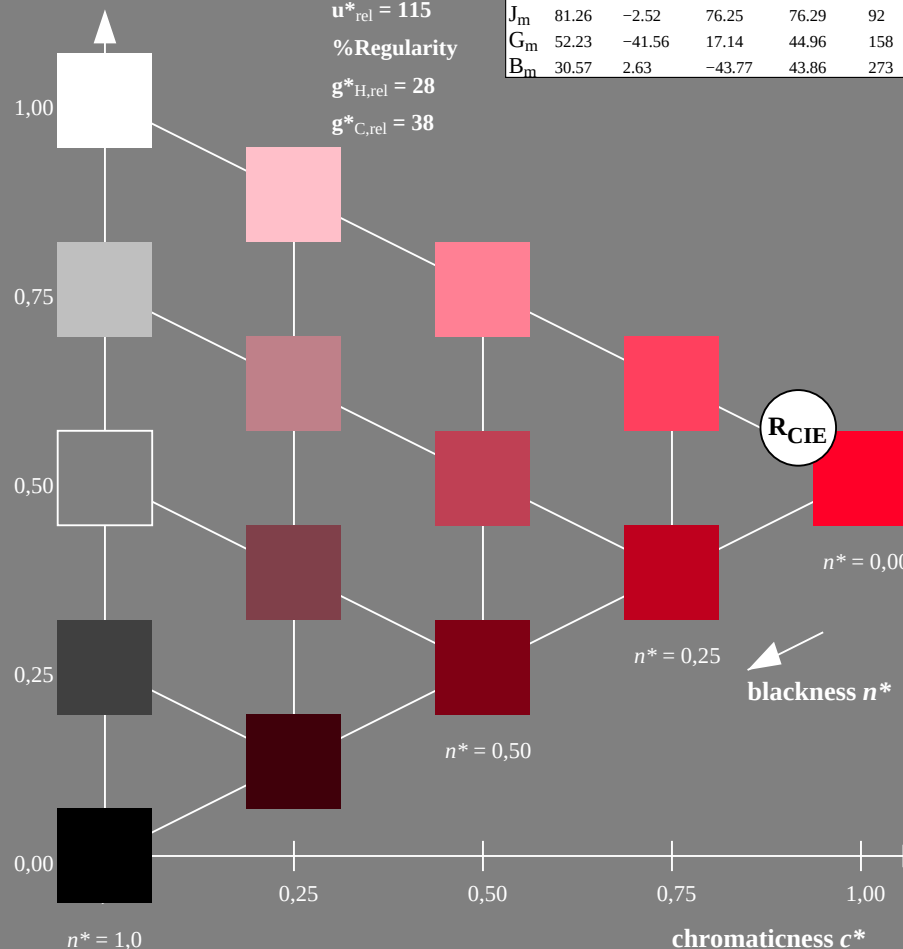
	$L^* = L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	h_{ab}^*
O _m	32.57	62.32	46.49	77.75	37
Y _m	82.73	-3.16	113.99	114.03	92
L _m	39.43	-61.79	45.84	76.95	143
C _m	47.86	-26.79	-34.24	43.49	232
V _m	10.16	55.12	-61.03	82.24	312
M _m	34.5	80.68	-33.92	87.52	337
N _m	6.25	0.0	0.0	0.0	0
W _m	91.97	0.0	0.0	0.0	0
R _m	39.92	59.8	31.05	67.38	27
J _m	81.26	-2.52	76.25	76.29	92
G _m	52.23	-41.56	17.14	44.96	158
B _m	30.57	2.63	-43.77	43.86	273

triangle lightness t^*

% Gamut

$$u_{rel}^* = 115$$

%Regularity

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


VE220-7, 5 step scales for constant CIELAB hue 27/360 = 0.076 (left)

BAM-test chart VE22: Colorimetric systems FRS06 & FRS06

D65: Coordinate systems of 5 step colour scales for 10 hues

Output: Colorimetric Printer Reflective System FRS06

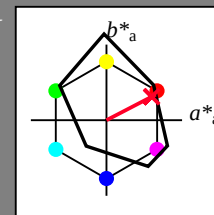
for hue $h^* = lab^*h = 27/360 = 0.076$

LAB*LCH, LAB*NCH

D65: hue R

LCH*Ma: 33 73 27

olv*Ma: 1.0 0.0 0.16

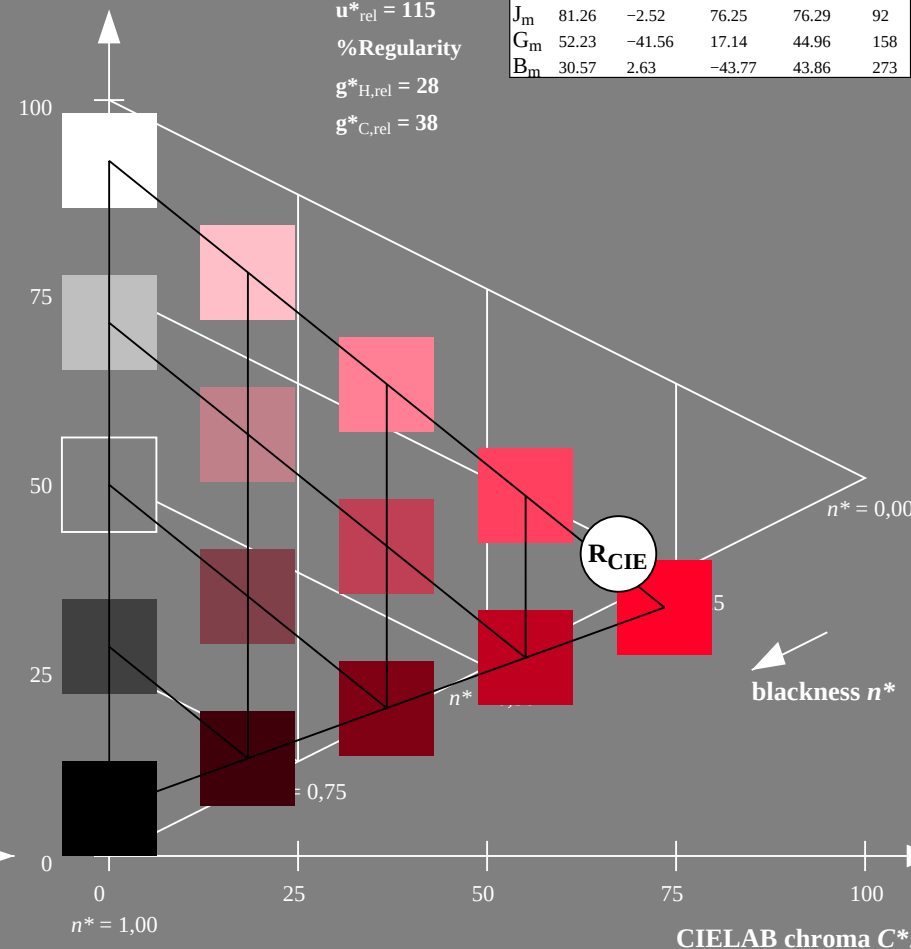


CIELAB lightness L^*

%Gamut

$$\mathbf{u}_{rel}^* = 115$$

%Regularity

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


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

```
input: olv* setrgbcolor
```

output: *no change compared to input*

Input: Colorimetric Printer Reflective System FRS06

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

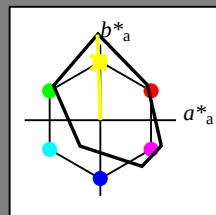
$lab \cdot tch$ and $lab \cdot nch$

D65: hue J

LCH*Ma: 82 113 92

olv*Ma: 0.99 1.0 0.0

triangle lightness 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	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	32.57	62.32	46.49	77.75	37
Y_m	82.73	-3.16	113.99	114.03	92
L_m	39.43	-61.79	45.84	76.95	143
C_m	47.86	-26.79	-34.24	43.49	232
V_m	10.16	55.12	-61.03	82.24	312
M_m	34.5	80.68	-33.92	87.52	337
N_m	6.25	0.0	0.0	0.0	0
W_m	91.97	0.0	0.0	0.0	0
R_m	39.92	59.8	31.05	67.38	27
J_m	81.26	-2.52	76.25	76.29	92
G_m	52.23	-41.56	17.14	44.96	158
B_m	30.57	2.63	-43.77	43.86	273

Output: Colorimetric Printer Reflective System FRS06

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

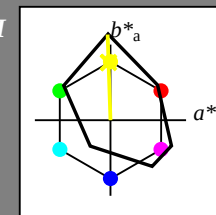
$LAB \cdot LCH$, $LAB \cdot NCH$

D65: hue J

LCH*Ma: 82 113 92

olv*Ma: 0.99 1.0 0.0

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 115$

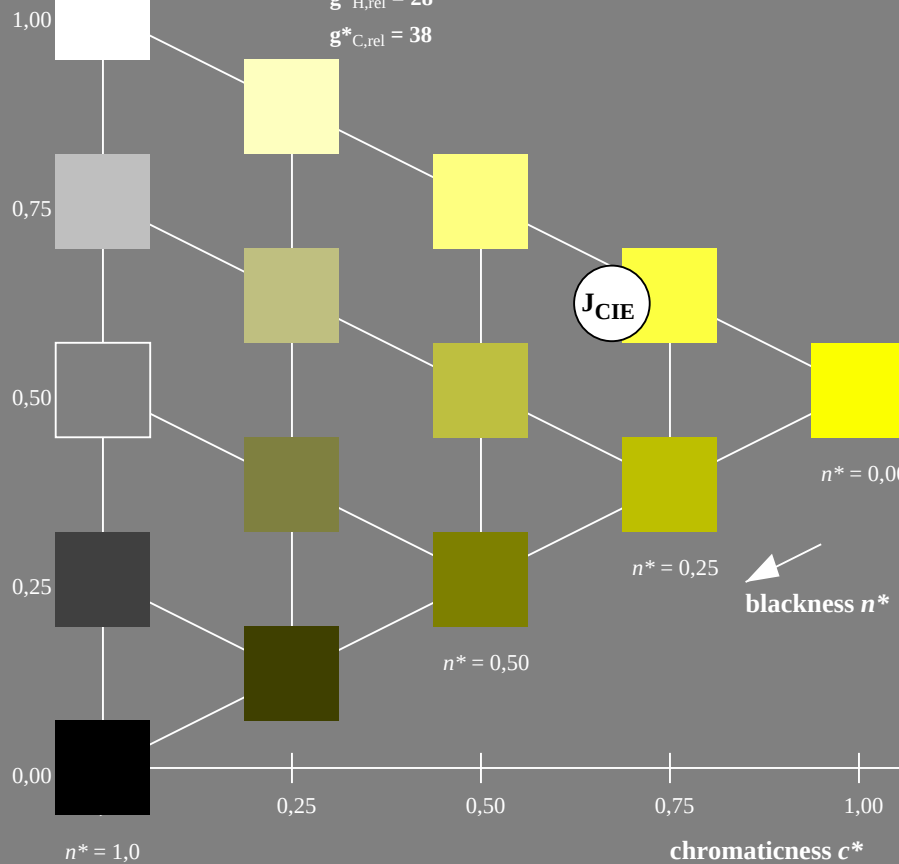
%Regularity

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

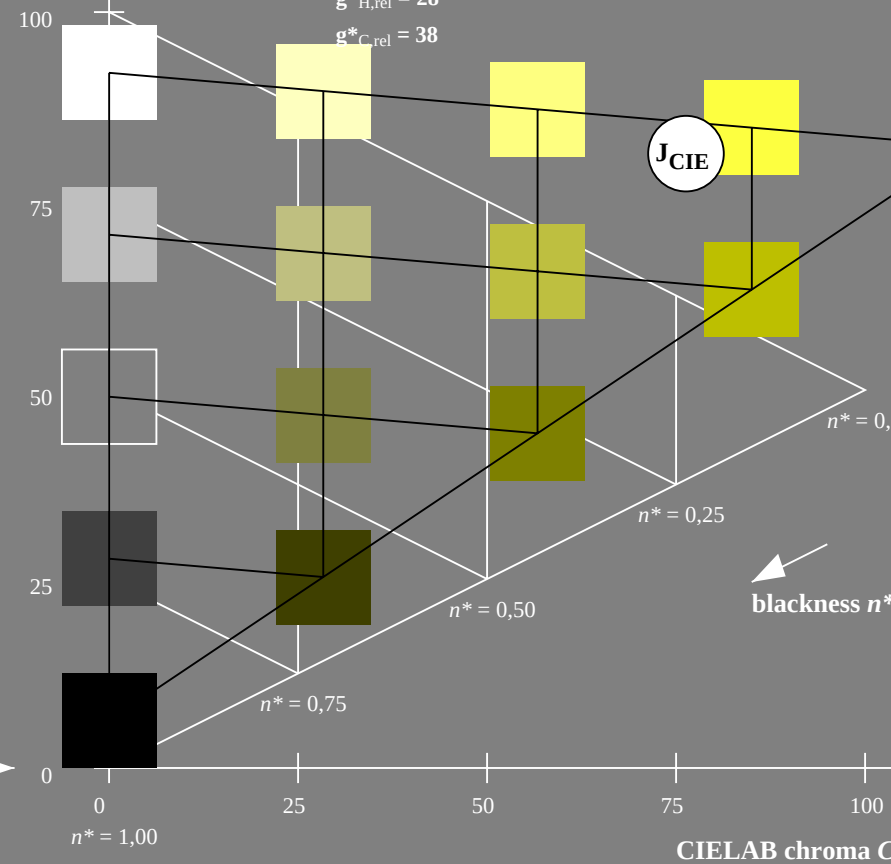
$g^*_{C,rel} = 38$

FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	32.57	62.32	46.49	77.75	37
Y_m	82.73	-3.16	113.99	114.03	92
L_m	39.43	-61.79	45.84	76.95	143
C_m	47.86	-26.79	-34.24	43.49	232
V_m	10.16	55.12	-61.03	82.24	312
M_m	34.5	80.68	-33.92	87.52	337
N_m	6.25	0.0	0.0	0.0	0
W_m	91.97	0.0	0.0	0.0	0
R_m	39.92	59.8	31.05	67.38	27
J_m	81.26	-2.52	76.25	76.29	92
G_m	52.23	-41.56	17.14	44.96	158
B_m	30.57	2.63	-43.77	43.86	273



VE220-7, 5 step scales for constant CIELAB hue 92/360 = 0.255 (left)



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

BAM-test chart VE22; Colorimetric systems FRS06 & FRS06
D65: Coordinate systems of 5 step colour scales for 10 hues

input: olv* setrgbcolor

output: no change compared to input

Input: Colorimetric Printer Reflective System FRS06

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

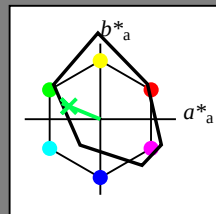
$lab \cdot tch$ and $lab \cdot nch$

D65: hue G

LCH*Ma: 42 55 158

olv*Ma: 0.0 1.0 0.31

triangle lightness t^*



%Gamut

$u^*_{rel} = 115$

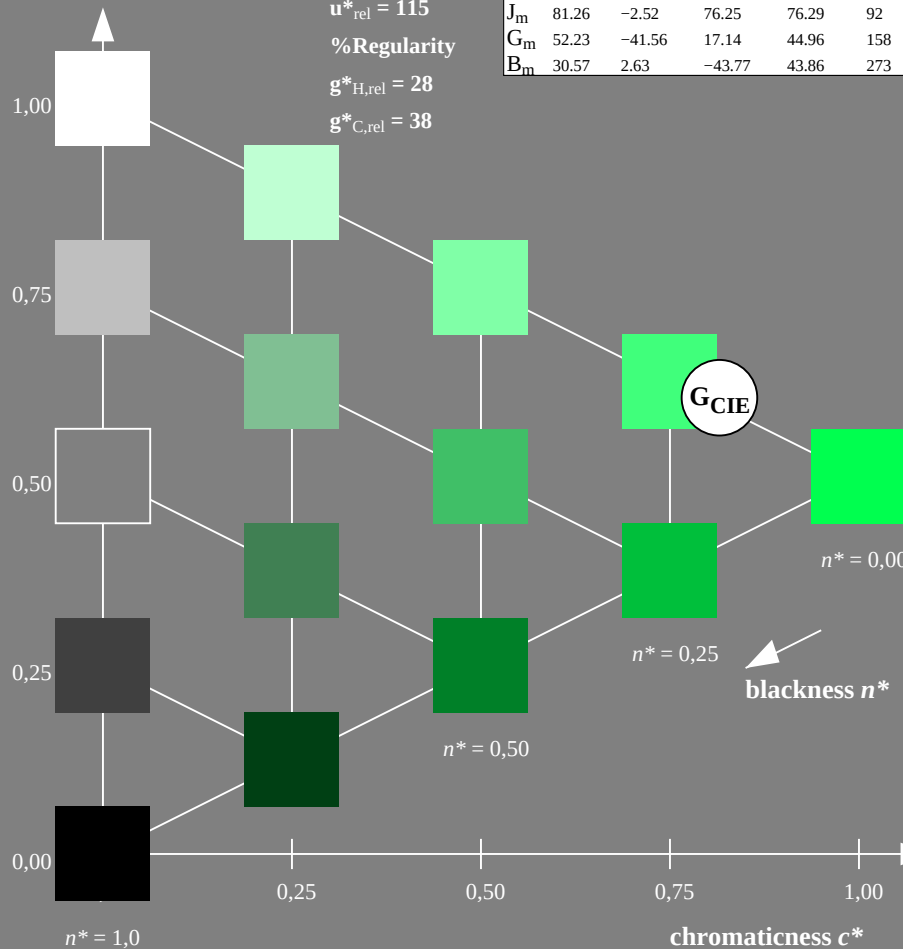
%Regularity

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

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

FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	32.57	62.32	46.49	77.75	37
Y_m	82.73	-3.16	113.99	114.03	92
L_m	39.43	-61.79	45.84	76.95	143
C_m	47.86	-26.79	-34.24	43.49	232
V_m	10.16	55.12	-61.03	82.24	312
M_m	34.5	80.68	-33.92	87.52	337
N_m	6.25	0.0	0.0	0.0	0
W_m	91.97	0.0	0.0	0.0	0
R_m	39.92	59.8	31.05	67.38	27
J_m	81.26	-2.52	76.25	76.29	92
G_m	52.23	-41.56	17.14	44.96	158
B_m	30.57	2.63	-43.77	43.86	273



VE220-7, 5 step scales for constant CIELAB hue 158/360 = 0.438 (left)

Output: Colorimetric Printer Reflective System FRS06

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

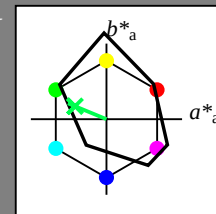
$LAB \cdot LCH$, $LAB \cdot NCH$

D65: hue G

LCH*Ma: 42 55 158

olv*Ma: 0.0 1.0 0.31

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 115$

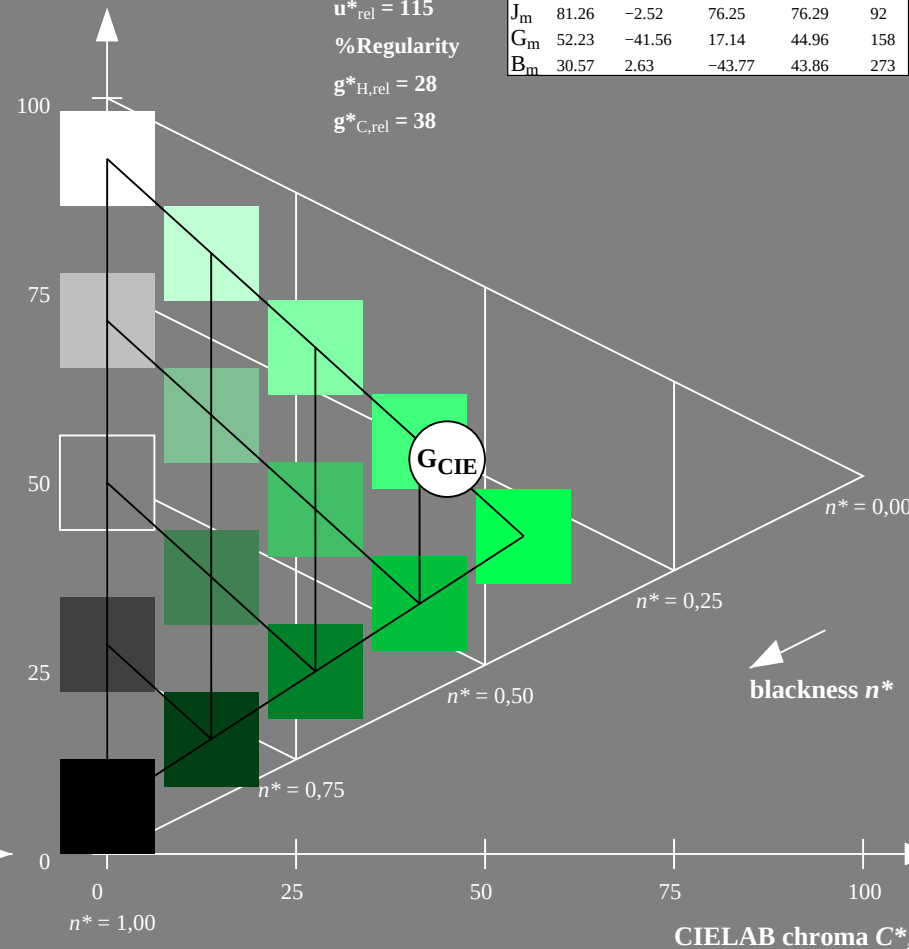
%Regularity

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

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

FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	32.57	62.32	46.49	77.75	37
Y_m	82.73	-3.16	113.99	114.03	92
L_m	39.43	-61.79	45.84	76.95	143
C_m	47.86	-26.79	-34.24	43.49	232
V_m	10.16	55.12	-61.03	82.24	312
M_m	34.5	80.68	-33.92	87.52	337
N_m	6.25	0.0	0.0	0.0	0
W_m	91.97	0.0	0.0	0.0	0
R_m	39.92	59.8	31.05	67.38	27
J_m	81.26	-2.52	76.25	76.29	92
G_m	52.23	-41.56	17.14	44.96	158
B_m	30.57	2.63	-43.77	43.86	273



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

BAM-test chart VE22; Colorimetric systems FRS06 & FRS06

D65: Coordinate systems of 5 step colour scales for 10 hues

input: olv* setrgbcolor

output: no change compared to input

-See for similar files: <http://www.ps.bam.de/VE22/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM registration: 20060101-VE22/10L/L22E09NP.PS.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input: Colorimetric Printer Reflective System FRS06

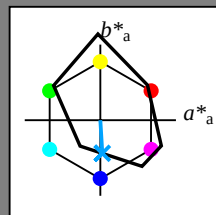
for hue $h^* = lab^*h = 273/360 = 0.76$

lab*tch* and *lab*nch

D65: hue B

LCH*Ma: 34 44 273

olv*Ma: 0.0 0.64 1.0



FRS06; adapted (a) CIELAB data

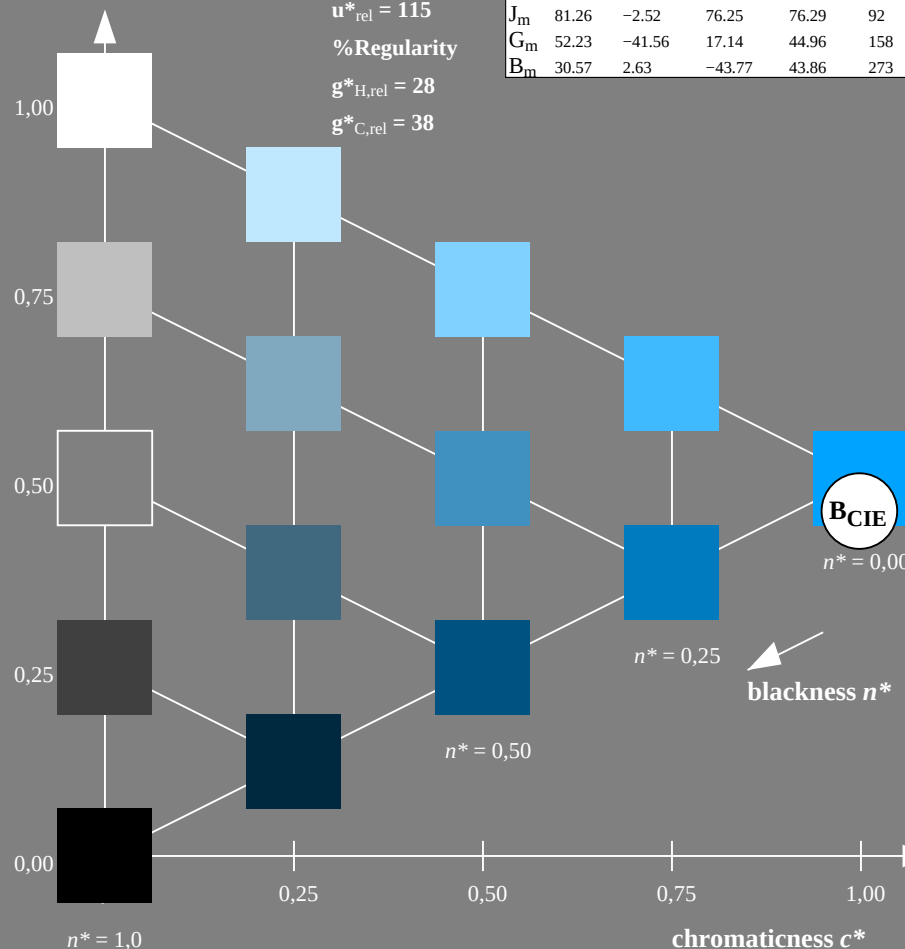
	$L^* = L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O_m	32.57	62.32	46.49	77.75	37
Y_m	82.73	-3.16	113.99	114.03	92
L_m	39.43	-61.79	45.84	76.95	143
C_m	47.86	-26.79	-34.24	43.94	232
V_m	10.16	55.12	-61.03	82.24	312
M_m	34.5	80.68	-33.92	87.52	337
N_m	6.25	0.0	0.0	0.0	0
W_m	91.97	0.0	0.0	0.0	0
R_m	39.92	59.8	31.05	67.38	27
J_m	81.26	-2.52	76.25	76.29	92
G_m	52.23	-41.56	17.14	44.96	158
B_m	30.57	2.63	-43.77	43.86	273

triangle lightness t^*

%Gamut

$$\mathbf{u}_{\text{rel}}^* = 115$$

%Regularity

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


VE220-7, 5 step scales for constant CIELAB hue 273/360 = 0.76 (left)

BAM-test chart VE22: Colorimetric systems FRS06 & FRS06

D65: Coordinate systems of 5 step colour scales for 10 hues

Output: Colorimetric Printer Reflective System FRS06

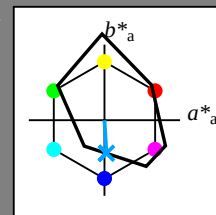
for hue $h^* = lab^*h = 273/360 = 0.76$

LAB*LCH, LAB*NCH

D65: hue B

LCH*Ma: 34 44 273

olv*Ma: 0.0 0.64 1.0

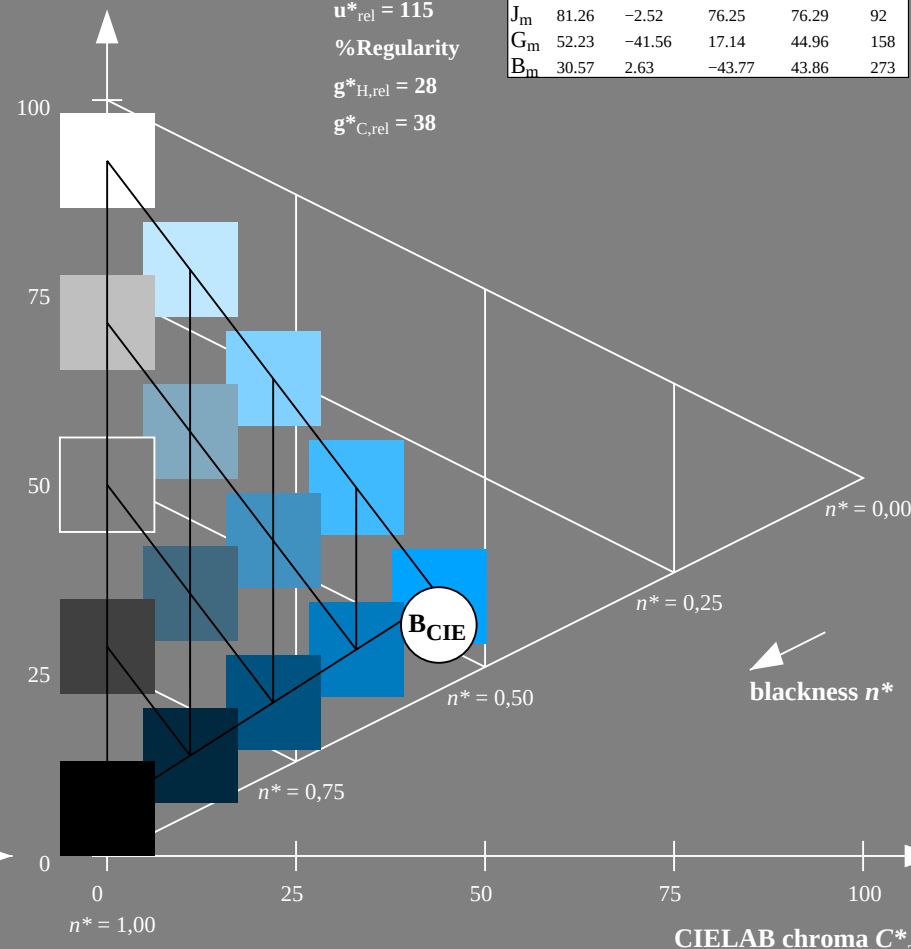


CIELAB lightness L^*

%Gamut

$$u_{rel}^* = 115$$

%Regularity

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


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

```
input: olv* setrabcolor
```

output: *no change compared to input*