Input: Colorimetric Offset Reflective System ORS18

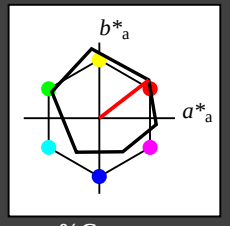
for hue *h = *lab*h* = 38/360 = 0.105**

lab*tch* and *lab*nch

D65: hue O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



%Gamut

u^*_{rel} = 93

%Regularity

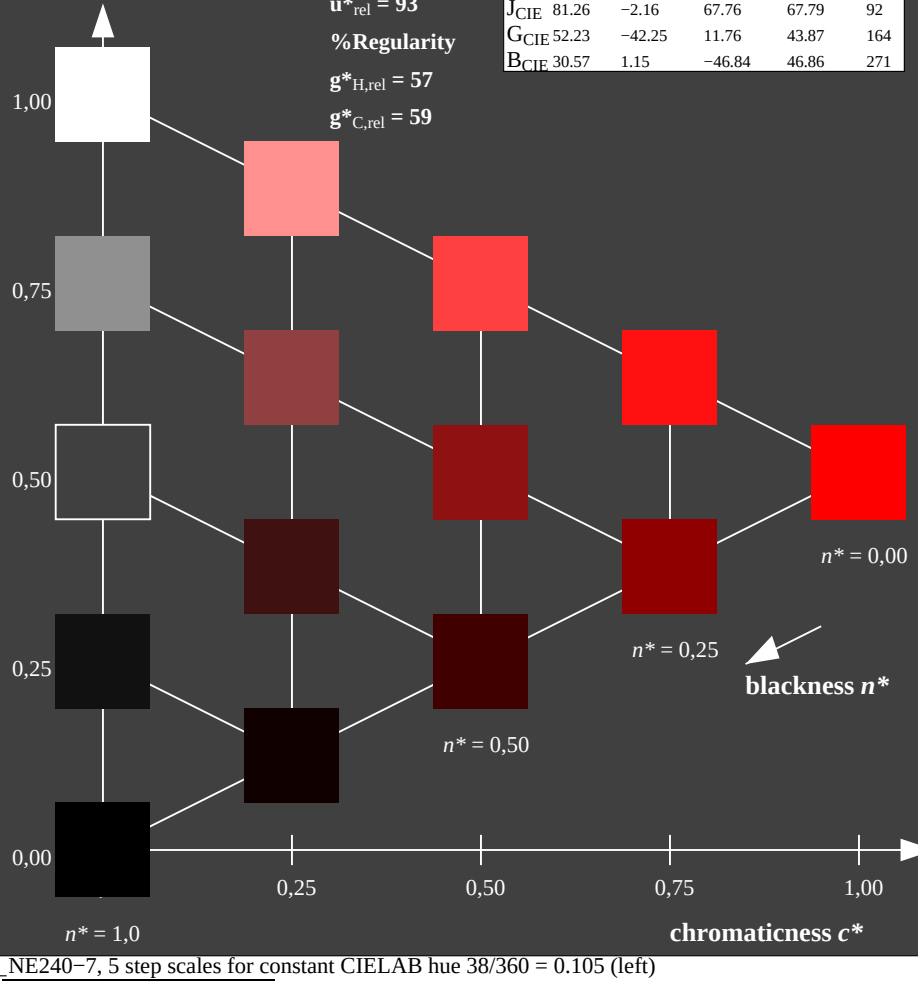
$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

triangle lightness *t**



Output: Colorimetric Offset Reflective System ORS18

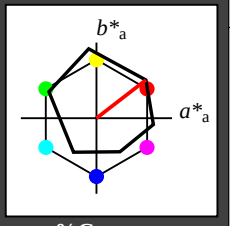
for hue *h = *lab*h* = 38/360 = 0.105**

LAB*LCH, LAB*NCH

D65: hue O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



%Gamut

u^*_{rel} = 93

%Regularity

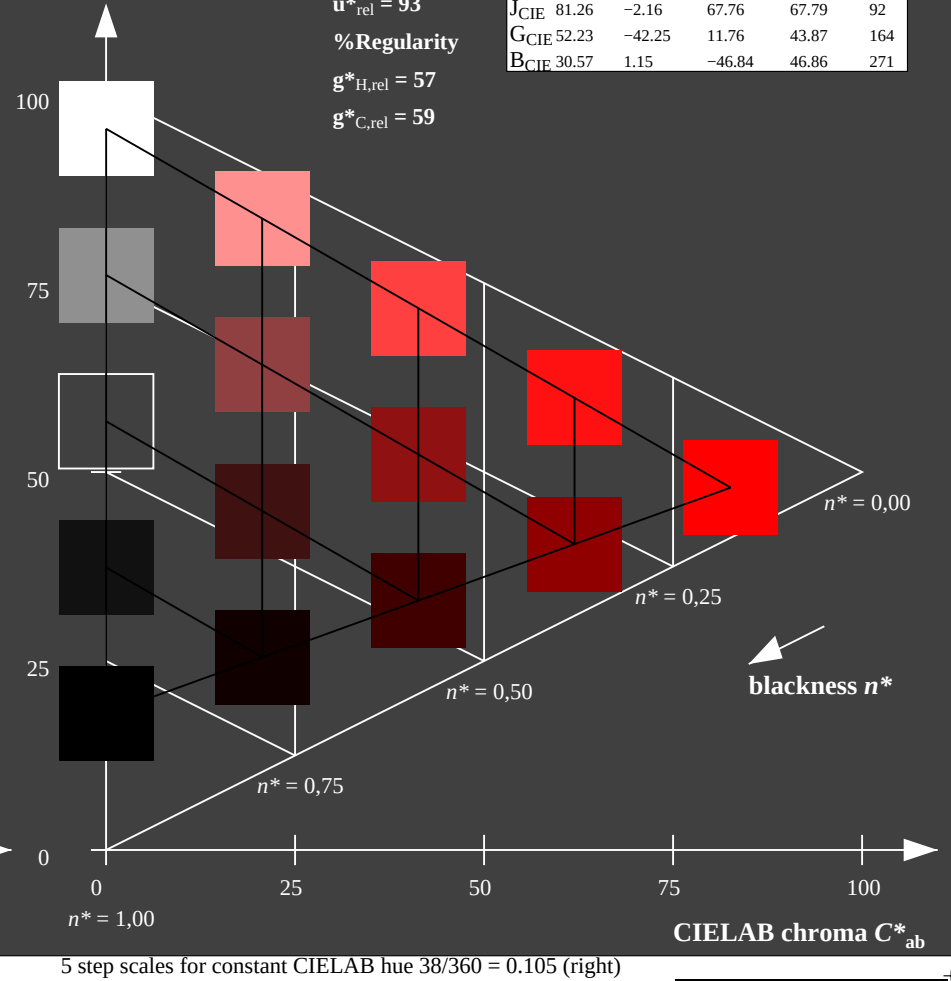
$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

CIELAB lightness *L**



NE240−7, 5 step scales for constant CIELAB hue 38/360 = 0.105 (left)

5 step scales for constant CIELAB hue 38/360 = 0.105 (right)

BAM-test chart NE24; Colorimetric systems ORS18 & ORS18
D65: Coordinate systems of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *olv* setrgbcolor / w* setgray*

See for similar files: http://www.ps.bam.de/NE24/
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM registration: 20060101-NE24/10S/S24E00FP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems
/NE24/ Form: 1/10, Serie: 1/1, Page: 1 Page: count: 1

Input: Colorimetric Offset Reflective System ORS18

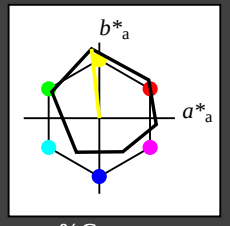
for hue *h = *lab*h* = 96/360 = 0.268**

lab*tch* and *lab*nch

D65: hue Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0



%Gamut

u*rel = 93

%Regularity

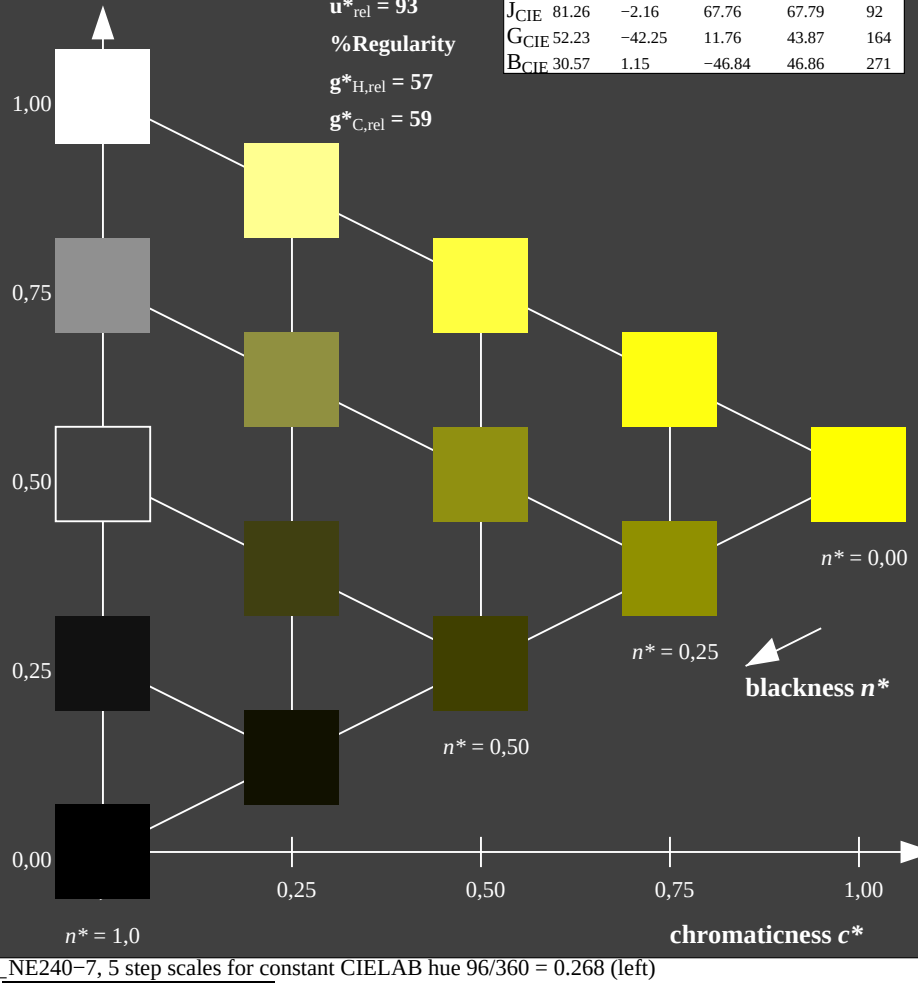
g*H,rel = 57

g*C,rel = 59

ORS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

triangle lightness *t**



Output: Colorimetric Offset Reflective System ORS18

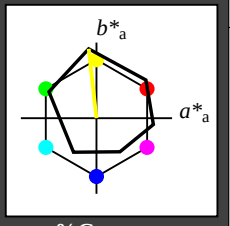
for hue *h = *lab*h* = 96/360 = 0.268**

LAB*LCH, LAB*NCH

D65: hue Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0



%Gamut

u*rel = 93

%Regularity

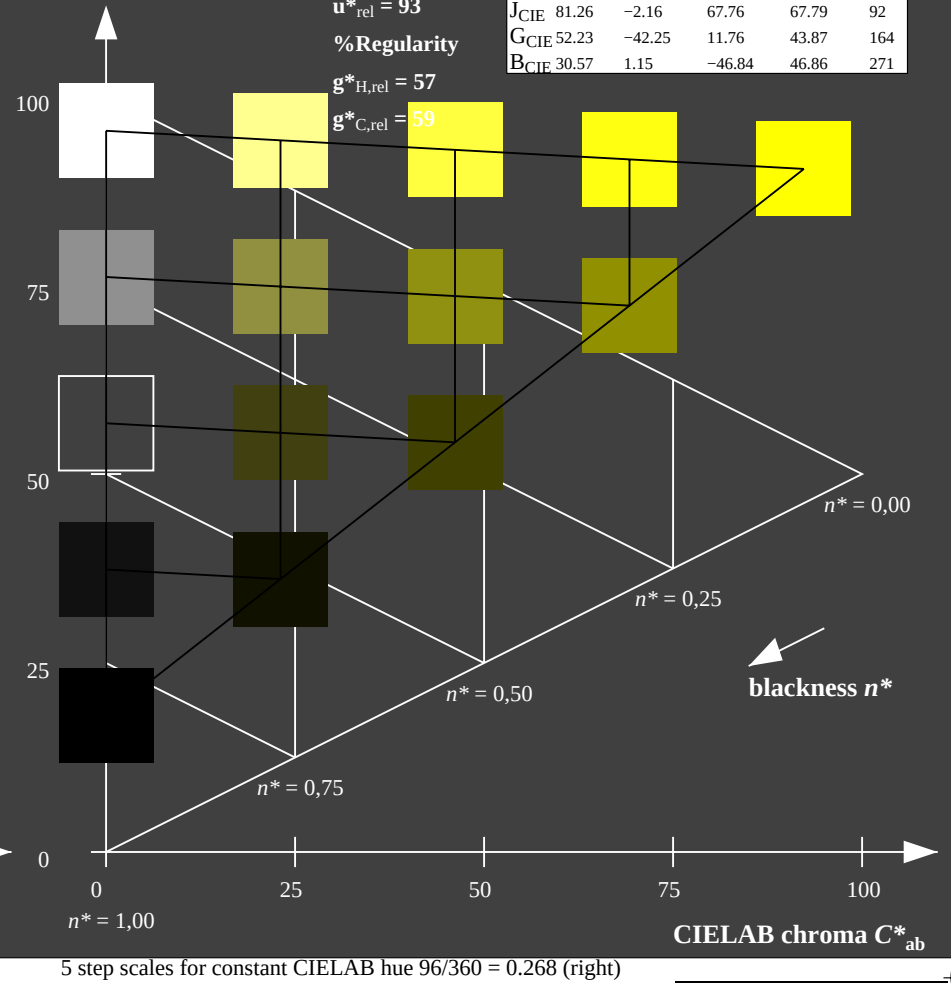
g*H,rel = 57

g*C,rel = 59

ORS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

CIELAB lightness *L**



NE240−7, 5 step scales for constant CIELAB hue 96/360 = 0.268 (left)

5 step scales for constant CIELAB hue 96/360 = 0.268 (right)

BAM-test chart NE24; Colorimetric systems ORS18 & ORS18
D65: Coordinate systems of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *olv* setrgbcolor / w* setgray*

See for similar files: http://www.ps.bam.de/NE24/
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM registration: 20060101-NE24/10S/S24E01FP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems
/NE24/ Form: 2/10, Serie: 1/1, Page: 2 Page: count: 2

Input: Colorimetric Offset Reflective System ORS18

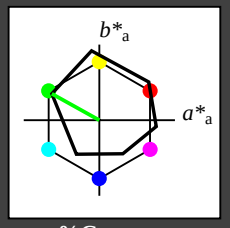
for hue *h = *lab*h* = 151/360 = 0.419**

lab*tch* and *lab*nch

D65: hue L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0



%Gamut

u^*_{rel} = 93

%Regularity

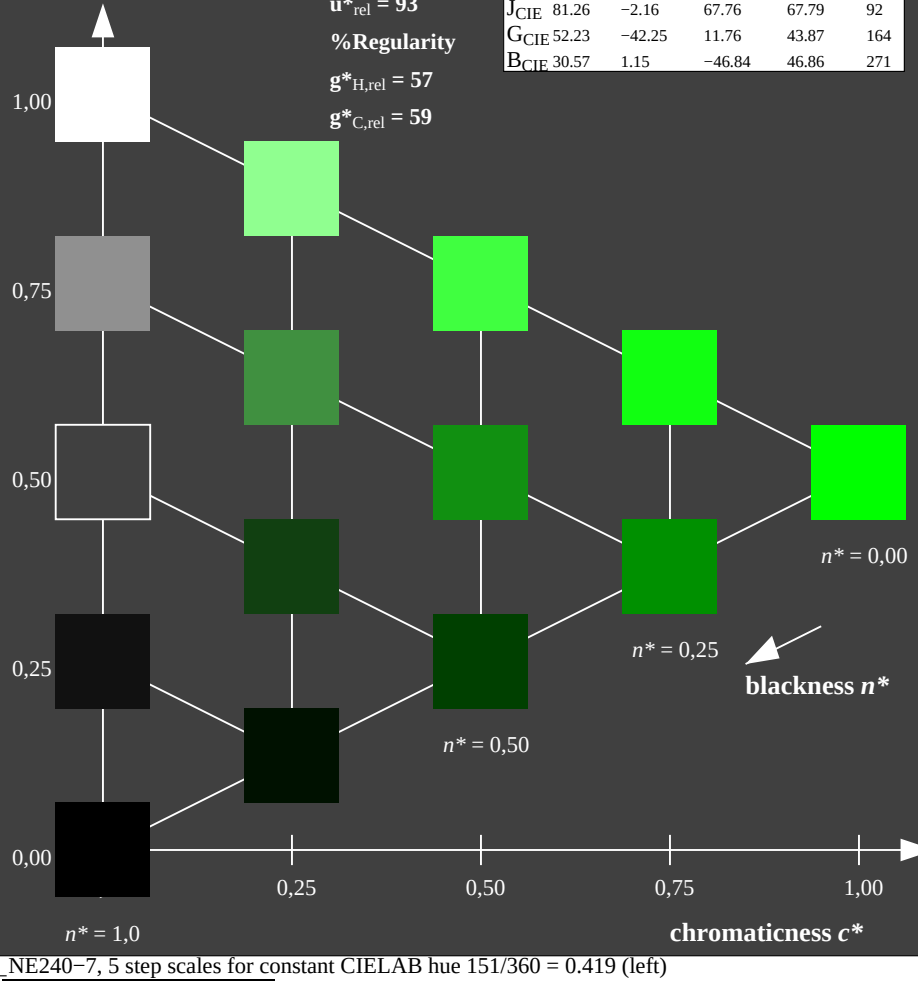
$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

triangle lightness *t**



Output: Colorimetric Offset Reflective System ORS18

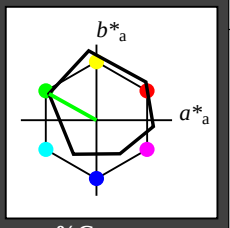
for hue *h = *lab*h* = 151/360 = 0.419**

LAB*LCH, LAB*NCH

D65: hue L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0



%Gamut

u^*_{rel} = 93

%Regularity

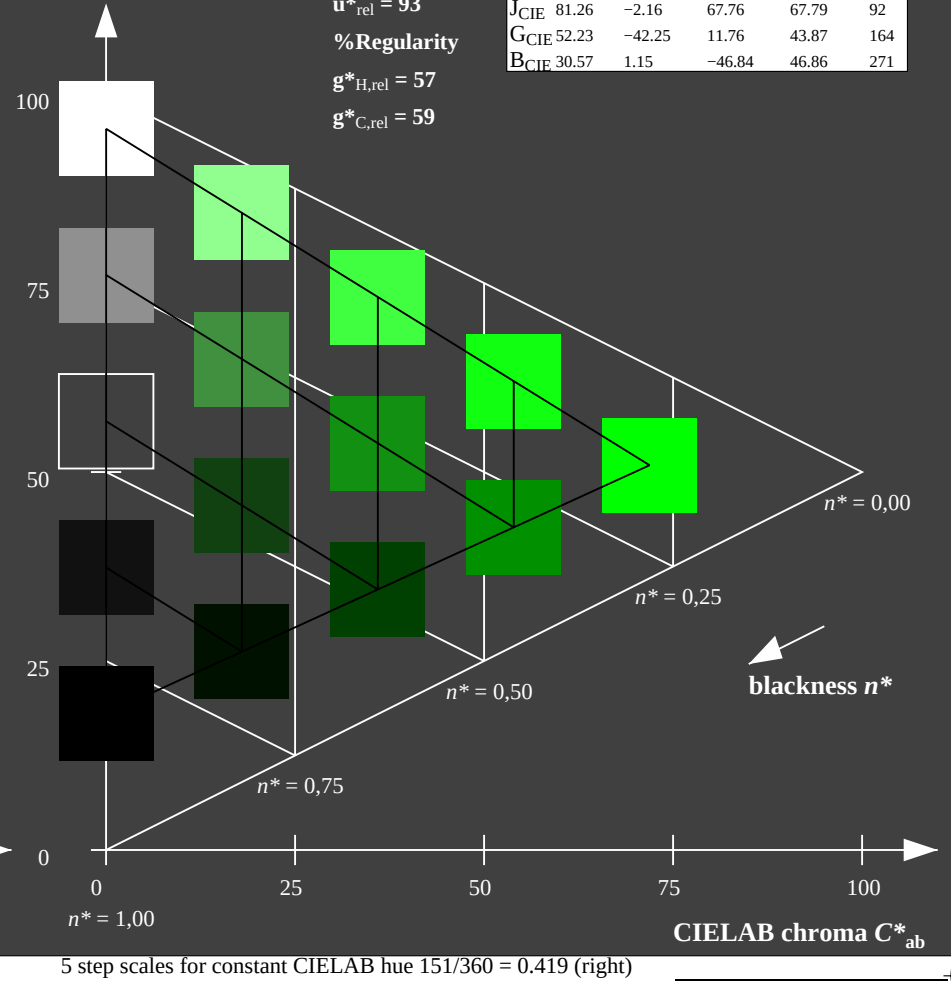
$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

CIELAB lightness *L**



NE240−7, 5 step scales for constant CIELAB hue 151/360 = 0.419 (left)

5 step scales for constant CIELAB hue 151/360 = 0.419 (right)

BAM-test chart NE24; Colorimetric systems ORS18 & ORS18
D65: Coordinate systems of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *olv* setrgbcolor / w* setgray*

See for similar files: http://www.ps.bam.de/NE24/
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM registration: 20060101-NE24/10S/S24E02FP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems
/NE24/ Form: 3/10, Serie: 1/1, Page: 3 Page: count: 3

Input: Colorimetric Offset Reflective System ORS18

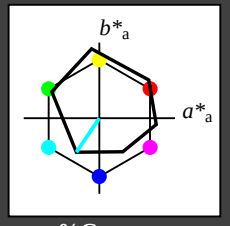
for hue *h = *lab*h* = 236/360 = 0.656**

lab*tch* and *lab*nch

D65: hue C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0



%Gamut

u^*_{rel} = 93

%Regularity

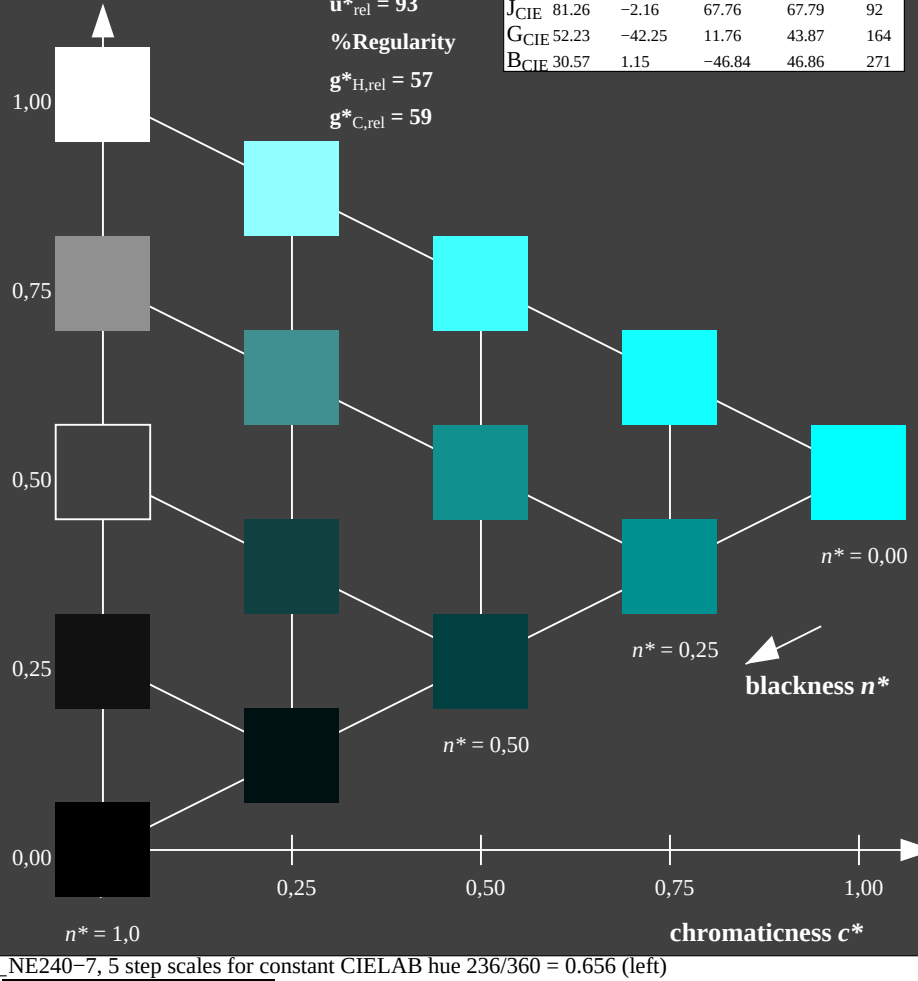
$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

triangle lightness *t**



Output: Colorimetric Offset Reflective System ORS18

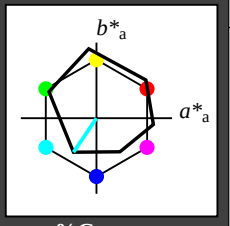
for hue *h = *lab*h* = 236/360 = 0.656**

LAB*LCH, LAB*NCH

D65: hue C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0



%Gamut

u^*_{rel} = 93

%Regularity

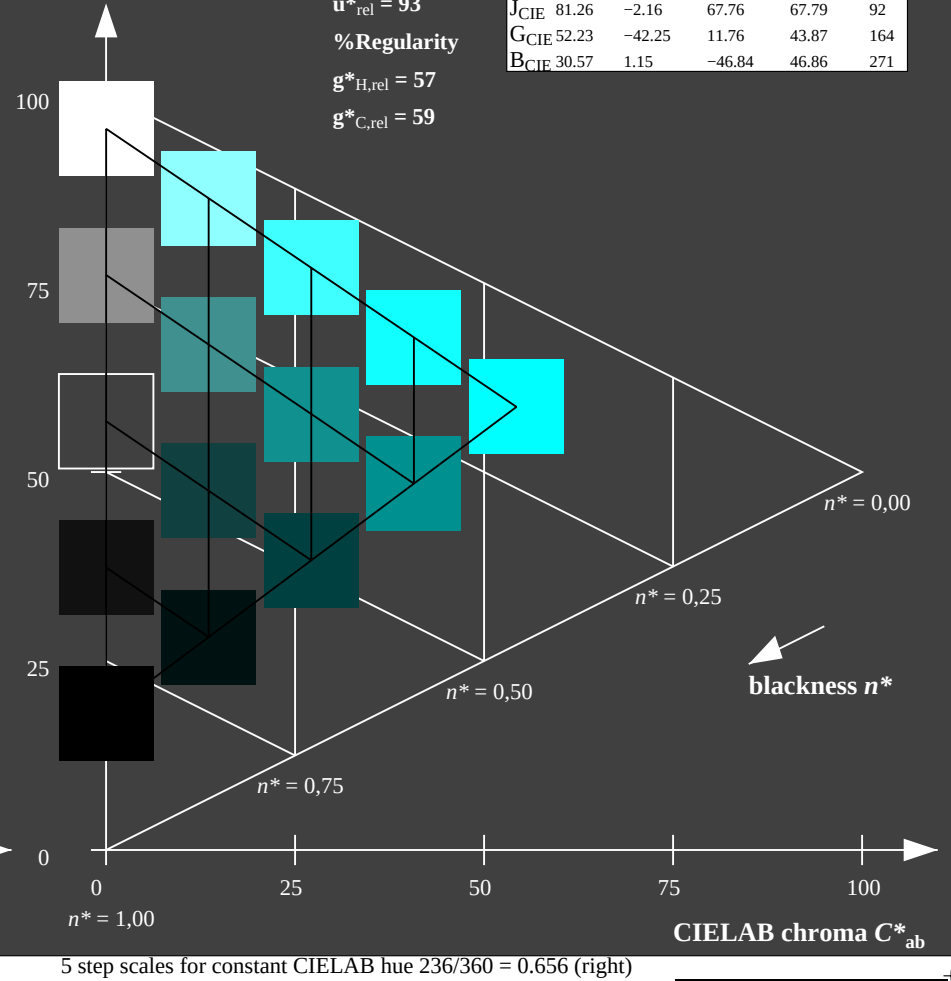
$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

CIELAB lightness *L**



NE240−7, 5 step scales for constant CIELAB hue 236/360 = 0.656 (left)

5 step scales for constant CIELAB hue 236/360 = 0.656 (right)

BAM-test chart NE24; Colorimetric systems ORS18 & ORS18
D65: Coordinate systems of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *olv* setrgbcolor / w* setgray*

See for similar files: http://www.ps.bam.de/NE24/
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM registration: 20060101-NE24/10S/S24E03FP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems
/NE24/ Form: 4/10, Serie: 1/1, Page: 4 Page: count: 4

Input: Colorimetric Offset Reflective System ORS18

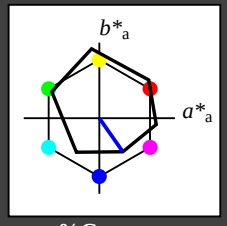
for hue *h = *lab*h* = 305/360 = 0.847**

lab*tch* and *lab*nch

D65: hue V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0



%Gamut

u^*_{rel} = 93

%Regularity

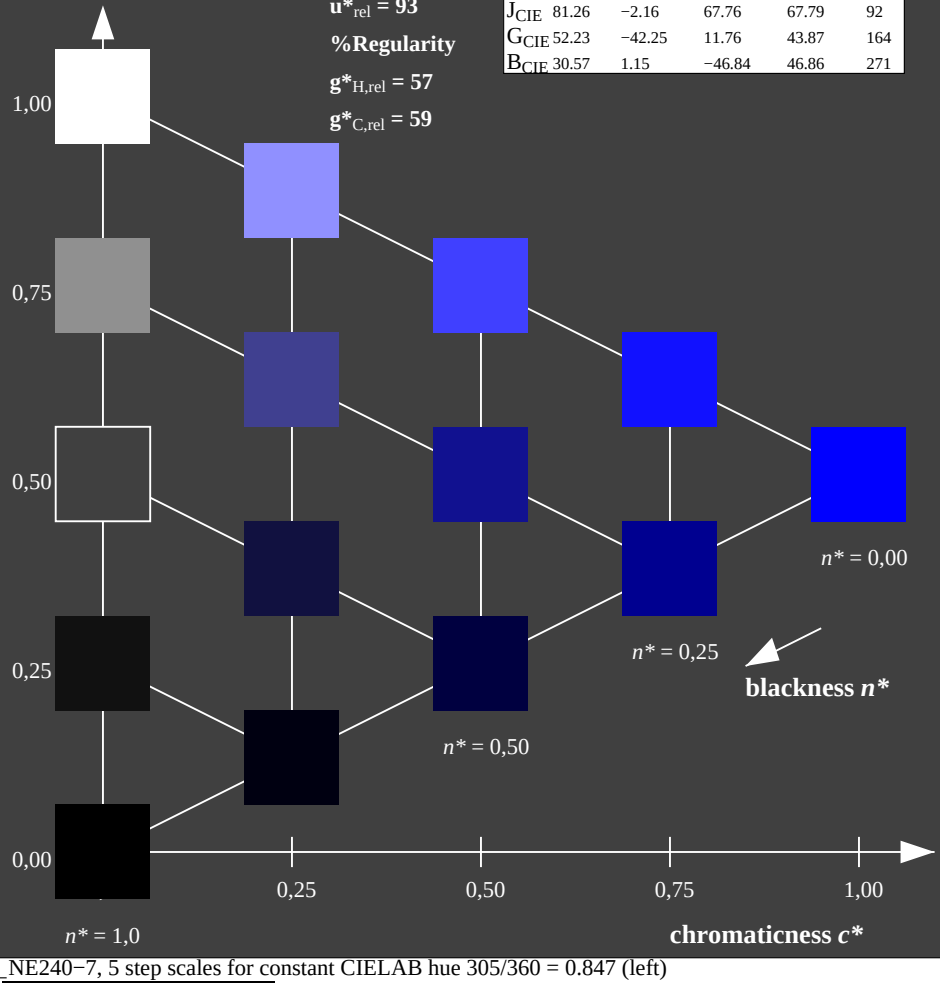
$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

triangle lightness *t**



Output: Colorimetric Offset Reflective System ORS18

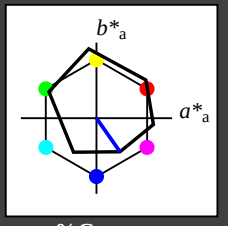
for hue *h = *lab*h* = 305/360 = 0.847**

LAB*LCH, LAB*NCH

D65: hue V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0



%Gamut

u^*_{rel} = 93

%Regularity

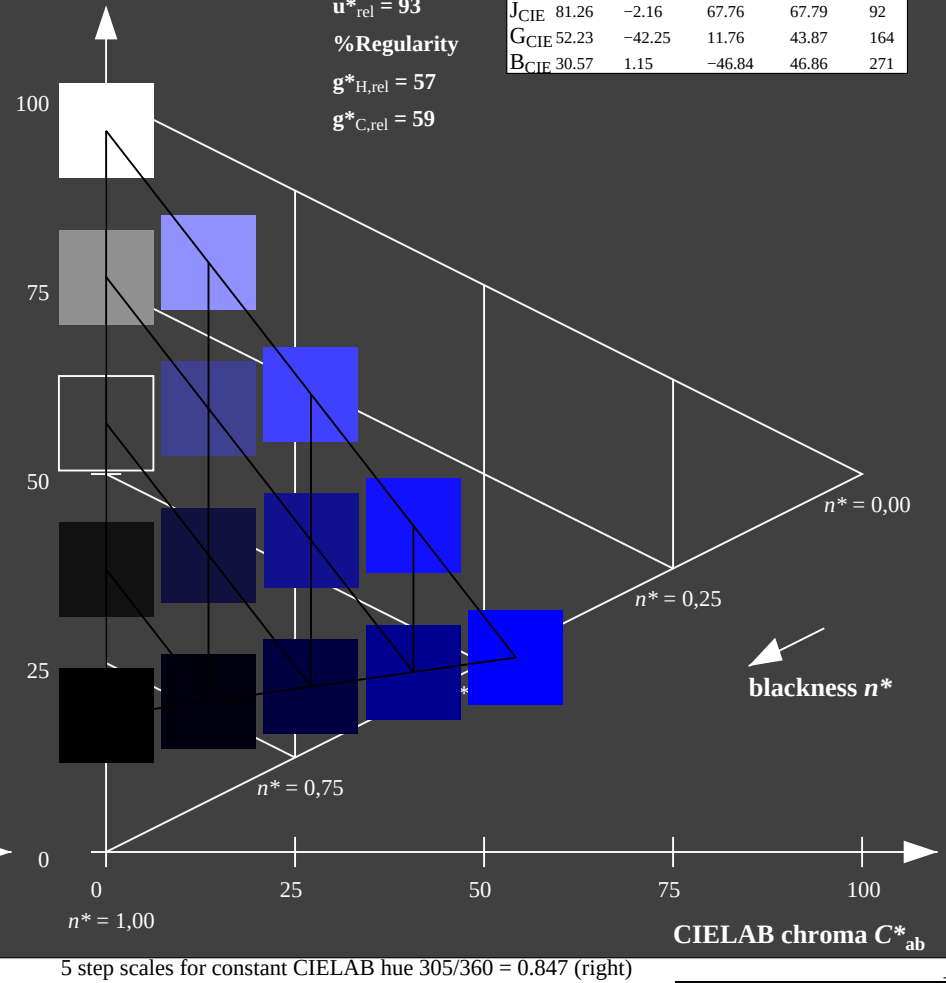
$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

CIELAB lightness *L**



NE240−7, 5 step scales for constant CIELAB hue 305/360 = 0.847 (left)

5 step scales for constant CIELAB hue 305/360 = 0.847 (right)

Input: Colorimetric Offset Reflective System ORS18

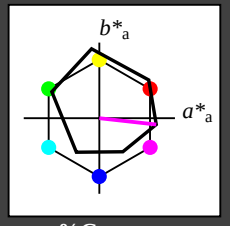
for hue *h = *lab*h* = 354/360 = 0.982**

lab*tch* and *lab*nch

D65: hue M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

triangle lightness *t**

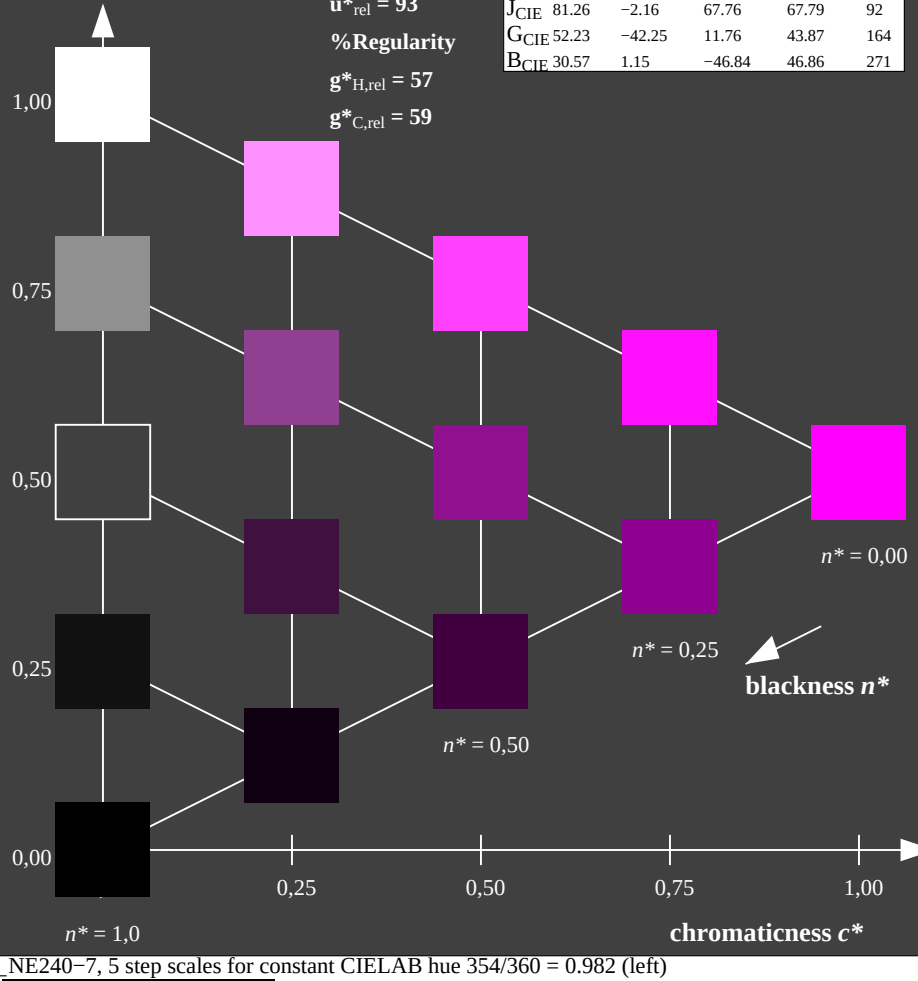
%Gamut

u^*_{rel} = 93

%Regularity

$g^*_{H,rel}$ = 57

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



Output: Colorimetric Offset Reflective System ORS18

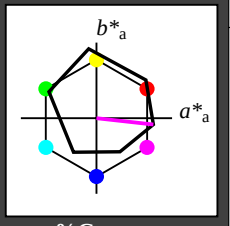
for hue *h = *lab*h* = 354/360 = 0.982**

LAB*LCH, LAB*NCH

D65: hue M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

CIELAB lightness *L**

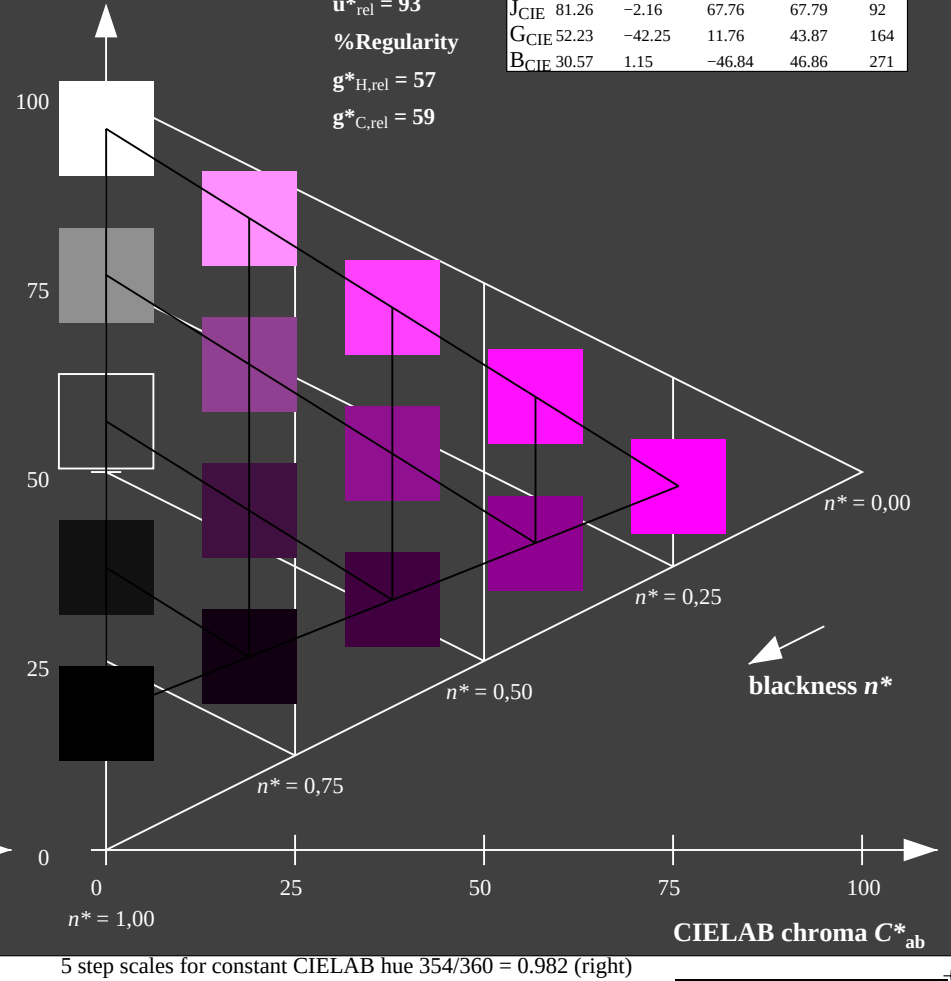
%Gamut

u^*_{rel} = 93

%Regularity

$g^*_{H,rel}$ = 57

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



NE240−7, 5 step scales for constant CIELAB hue 354/360 = 0.982 (left)

5 step scales for constant CIELAB hue 354/360 = 0.982 (right)

BAM-test chart NE24; Colorimetric systems ORS18 & ORS18
D65: Coordinate systems of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *olv* setrgbcolor / w* setgray*

See for similar files: http://www.ps.bam.de/NE24/
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM registration: 20060101-NE24/10S/S24E05FP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems
/NE24/ Form: 6/10, Serie: 1/1, Page: 6 Page: count: 6

Input: Colorimetric Offset Reflective System ORS18

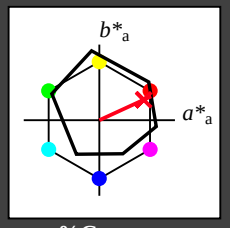
for hue *h = *lab*h* = 25/360 = 0.069**

lab*tch* and *lab*nch

D65: hue R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32



%Gamut

u^*_{rel} = 93

%Regularity

$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.66	26.98	64.57	25
J_m	81.26	−2.16	67.76	67.79	92
G_m	52.23	−42.25	11.76	43.87	164
B_m	30.57	1.15	−46.84	46.86	271

triangle lightness *t**

1,00
0,75
0,50
0,25
0,00

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

R_{CIE}

blackness *n**

0,25 0,50 0,75 1,00

chromaticness *c**

Output: Colorimetric Offset Reflective System ORS18

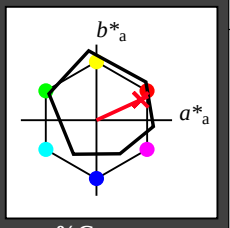
for hue *h = *lab*h* = 25/360 = 0.069**

LAB*LCH, LAB*NCH

D65: hue R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32



%Gamut

u^*_{rel} = 93

%Regularity

$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.66	26.98	64.57	25
J_m	81.26	−2.16	67.76	67.79	92
G_m	52.23	−42.25	11.76	43.87	164
B_m	30.57	1.15	−46.84	46.86	271

CIELAB lightness *L**

100
75
50
25
0

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

R_{CIE}

blackness *n**

0 25 50 75 100

CIELAB chroma C^*_{ab}

NE240−7, 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 NE24; Colorimetric systems ORS18 & ORS18
D65: Coordinate systems of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *olv* setrgbcolor / w* setgray*

Input: Colorimetric Offset Reflective System ORS18

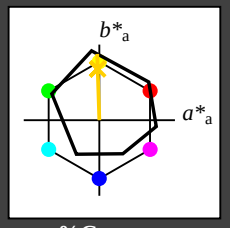
for hue *h = *lab*h* = 92/360 = 0.255**

lab*tch* and *lab*nch

D65: hue J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0



%Gamut

u^*_{rel} = 93

%Regularity

$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.66	26.98	64.57	25
J_m	81.26	−2.16	67.76	67.79	92
G_m	52.23	−42.25	11.76	43.87	164
B_m	30.57	1.15	−46.84	46.86	271

triangle lightness *t**

1,00
0,75
0,50
0,25
0,00

J_{CIE}

*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 Offset Reflective System ORS18

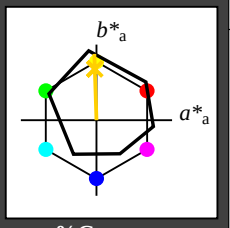
for hue *h = *lab*h* = 92/360 = 0.255**

LAB*LCH, LAB*NCH

D65: hue J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0



%Gamut

u^*_{rel} = 93

%Regularity

$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.66	26.98	64.57	25
J_m	81.26	−2.16	67.76	67.79	92
G_m	52.23	−42.25	11.76	43.87	164
B_m	30.57	1.15	−46.84	46.86	271

CIELAB lightness *L**

100
75
50
25
0

J_{CIE}

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

blackness *n*

0 25 50 75 100

CIELAB chroma C^*_{ab}

NE240−7, 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 NE24; Colorimetric systems ORS18 & ORS18
D65: Coordinate systems of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *olv* setrgbcolor / w* setgray*

Input: Colorimetric Offset Reflective System ORS18

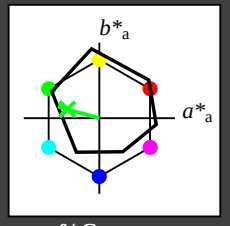
for hue *h = *lab*h* = 164/360 = 0.457**

lab*tch* and *lab*nch

D65: hue G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.66	26.98	64.57	25
J_m	81.26	−2.16	67.76	67.79	92
G_m	52.23	−42.25	11.76	43.87	164
B_m	30.57	1.15	−46.84	46.86	271

triangle lightness *t**

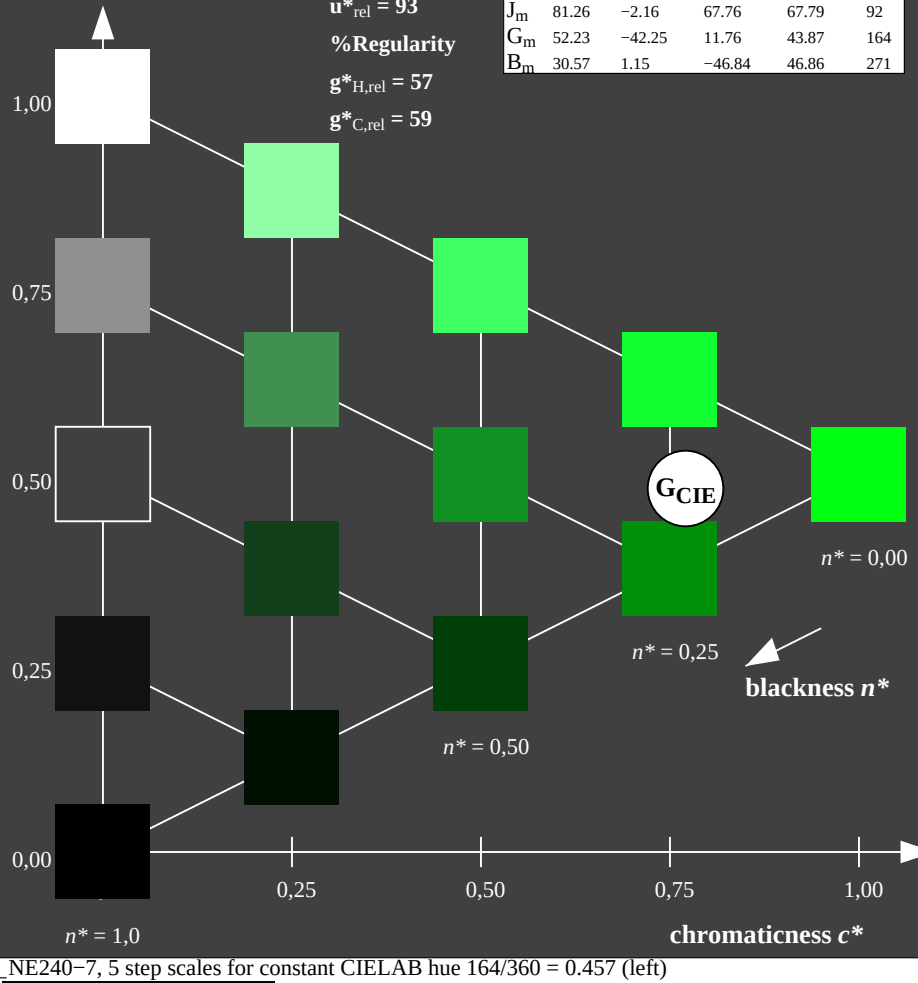
%Gamut

u^*_{rel} = 93

%Regularity

$g^*_{H,rel}$ = 57

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



Output: Colorimetric Offset Reflective System ORS18

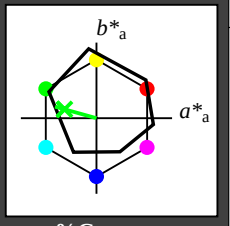
for hue *h = *lab*h* = 164/360 = 0.457**

LAB*LCH, LAB*NCH

D65: hue G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.66	26.98	64.57	25
J_m	81.26	−2.16	67.76	67.79	92
G_m	52.23	−42.25	11.76	43.87	164
B_m	30.57	1.15	−46.84	46.86	271

CIELAB lightness *L**

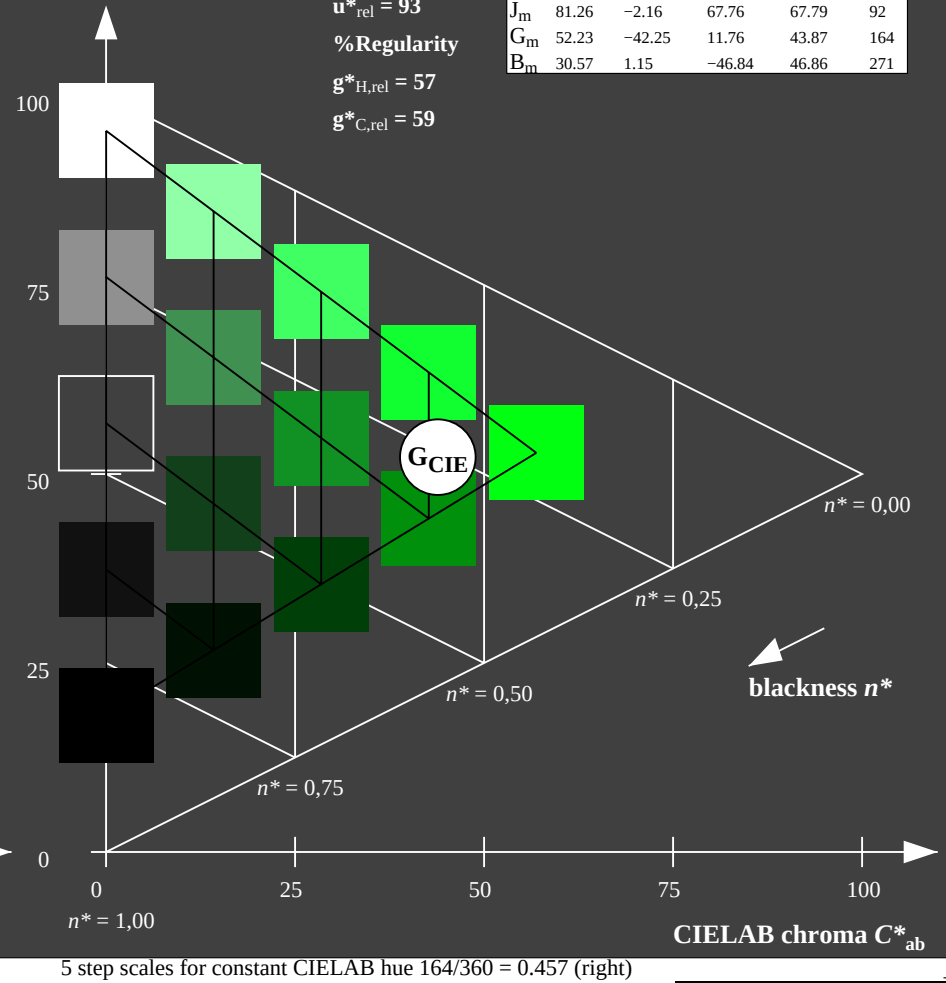
%Gamut

u^*_{rel} = 93

%Regularity

$g^*_{H,rel}$ = 57

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



NE240−7, 5 step scales for constant CIELAB hue 164/360 = 0.457 (left)

5 step scales for constant CIELAB hue 164/360 = 0.457 (right)

BAM-test chart NE24; Colorimetric systems ORS18 & ORS18
D65: Coordinate systems of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *olv* setrgbcolor / w* setgray*

See for similar files: http://www.ps.bam.de/NE24/
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM registration: 20060101-NE24/10S/S24E08FP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems
/NE24/ Form: 9/10, Serie: 1/1, Page: 9 Page: count: 9

Input: Colorimetric Offset Reflective System ORS18

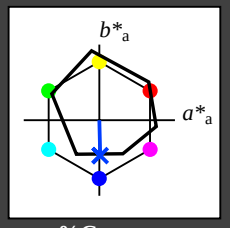
for hue *h = *lab*h* = 271/360 = 0.754**

lab*tch* and *lab*nch

D65: hue B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0



%Gamut

u^*_{rel} = 93

%Regularity

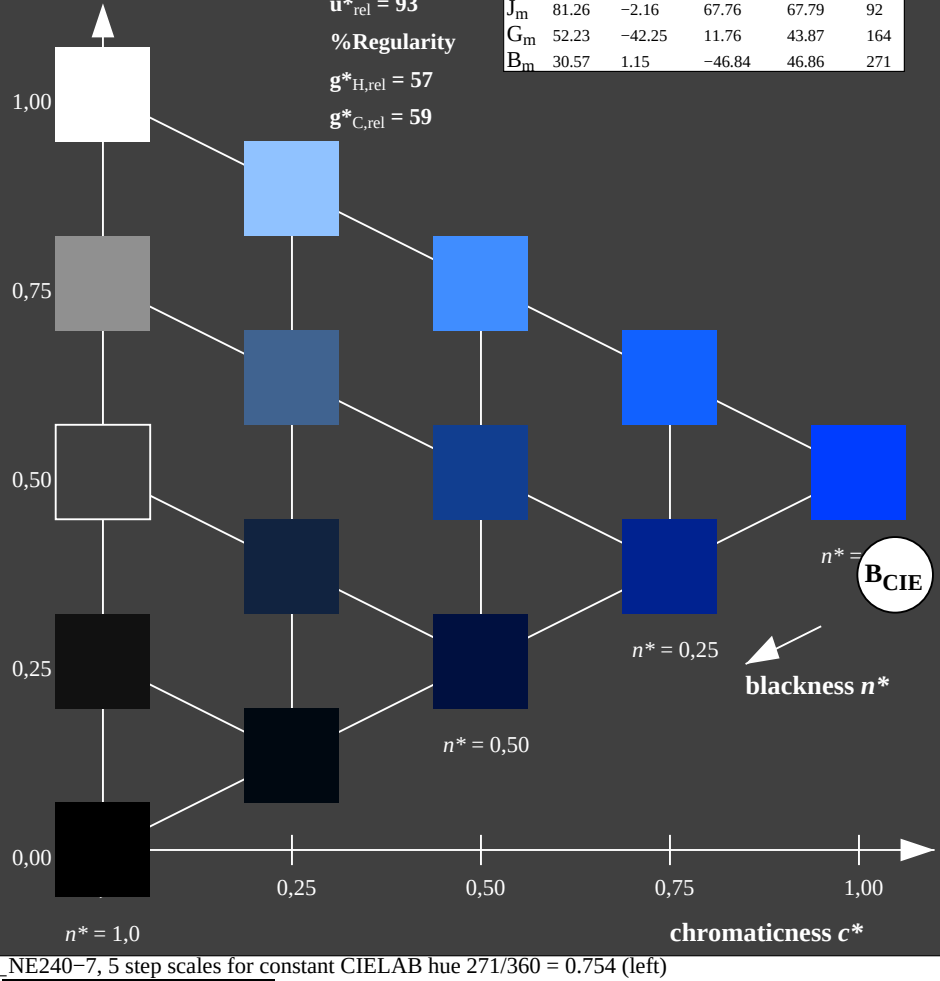
$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.66	26.98	64.57	25
J_m	81.26	−2.16	67.76	67.79	92
G_m	52.23	−42.25	11.76	43.87	164
B_m	30.57	1.15	−46.84	46.86	271

triangle lightness *t**



Output: Colorimetric Offset Reflective System ORS18

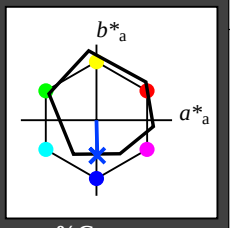
for hue *h = *lab*h* = 271/360 = 0.754**

LAB*LCH, LAB*NCH

D65: hue B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0



%Gamut

u^*_{rel} = 93

%Regularity

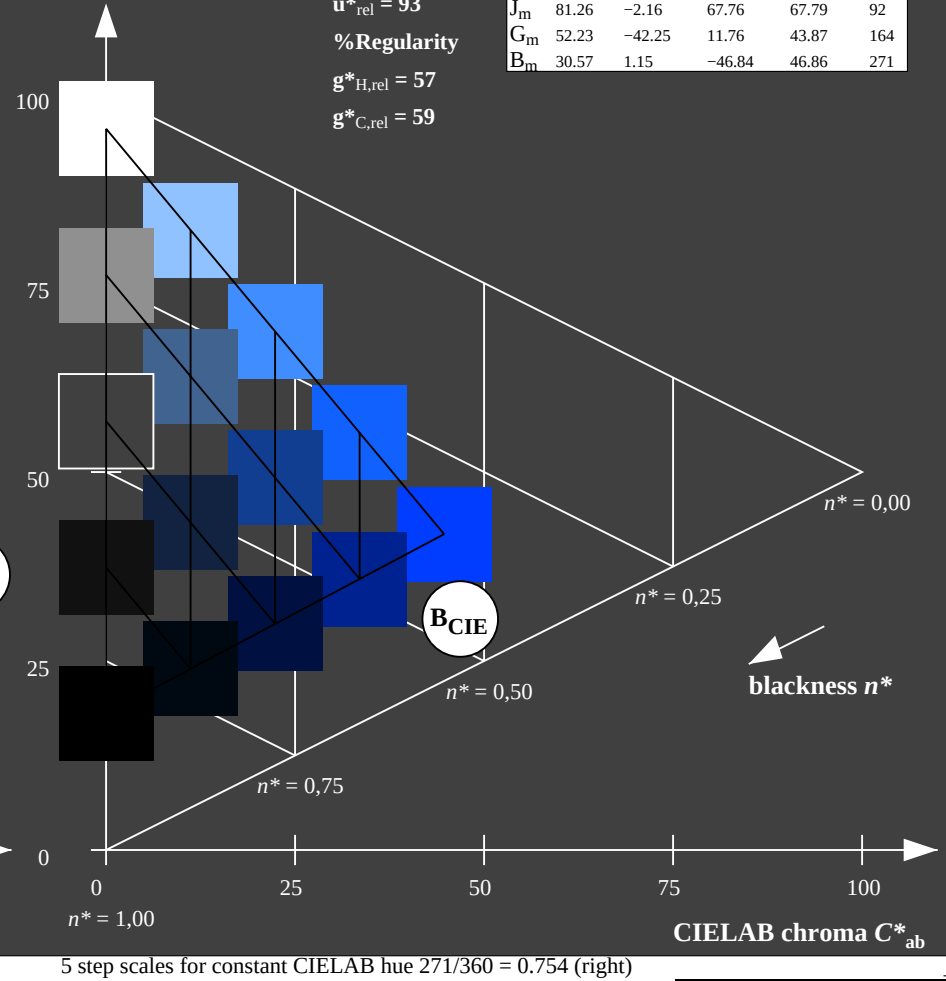
$g^*_{H,rel}$ = 57

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.66	26.98	64.57	25
J_m	81.26	−2.16	67.76	67.79	92
G_m	52.23	−42.25	11.76	43.87	164
B_m	30.57	1.15	−46.84	46.86	271

CIELAB lightness *L**



NE240−7, 5 step scales for constant CIELAB hue 271/360 = 0.754 (left)

5 step scales for constant CIELAB hue 271/360 = 0.754 (right)