

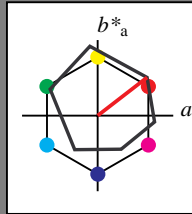
Input: Colorimetric Offset Reflective System ORS18

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

lab^*tch and lab^*nch

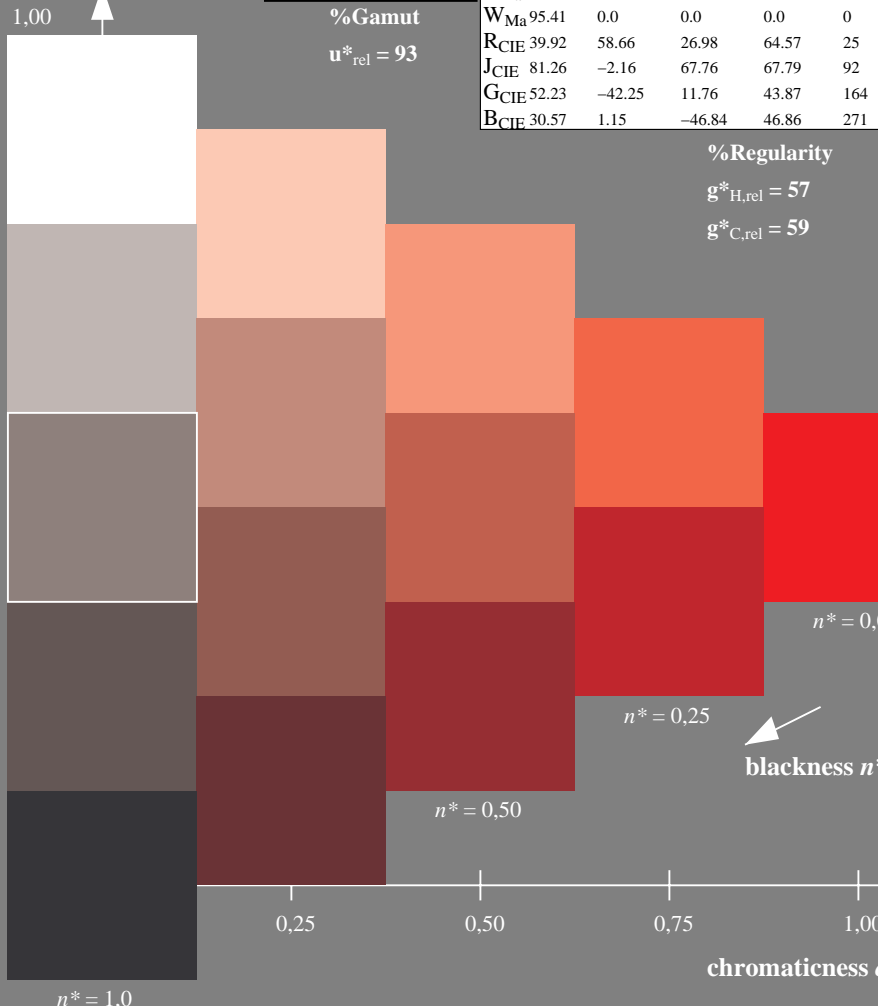
D65: hue O
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0

triangle lightness



%Gamut

$u^*_{rel} = 93$



OE400-7, 5 step scales for constant CIELAB hue 38/360 = 0.105 (left)

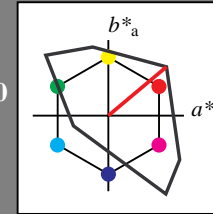
Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 40/360 = 0.111$

lab^*tch and lab^*nch

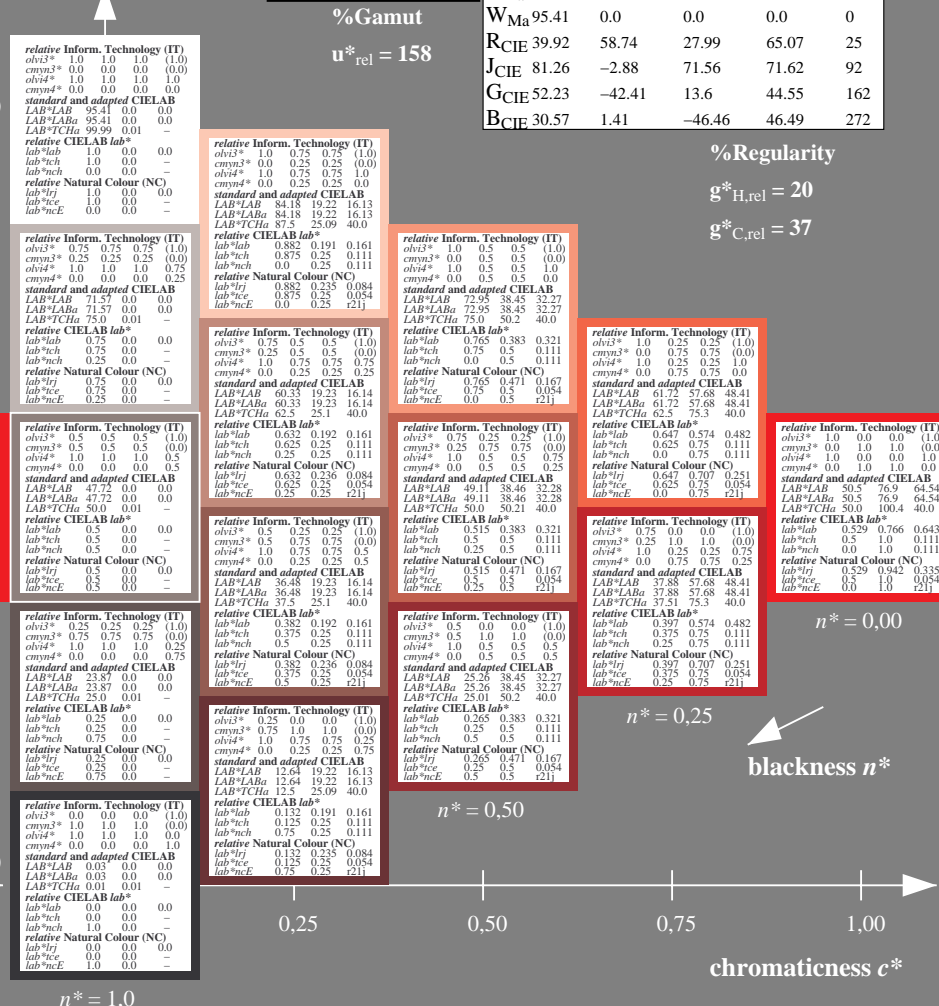
D65: hue O
LCH*Ma: 51 100 40
olv*Ma: 1.0 0.0 0.0

triangle lightness



%Gamut

$u^*_{rel} = 158$



5 step scales for constant CIELAB hue 40/360 = 0.111 (right)

ORS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
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	58.66	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

%Regularity

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

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

TLS00; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	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

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

See for similar files: <http://www.ps.bam.de/OE40/>
Technical information: <http://www.ps.bam.de> Version 2.1, io=0,0?

BAM registration: 20060101-OE40/10L/L40E00SP.PS/.PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rhadt4

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

triangle lightness

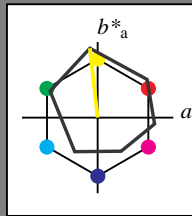
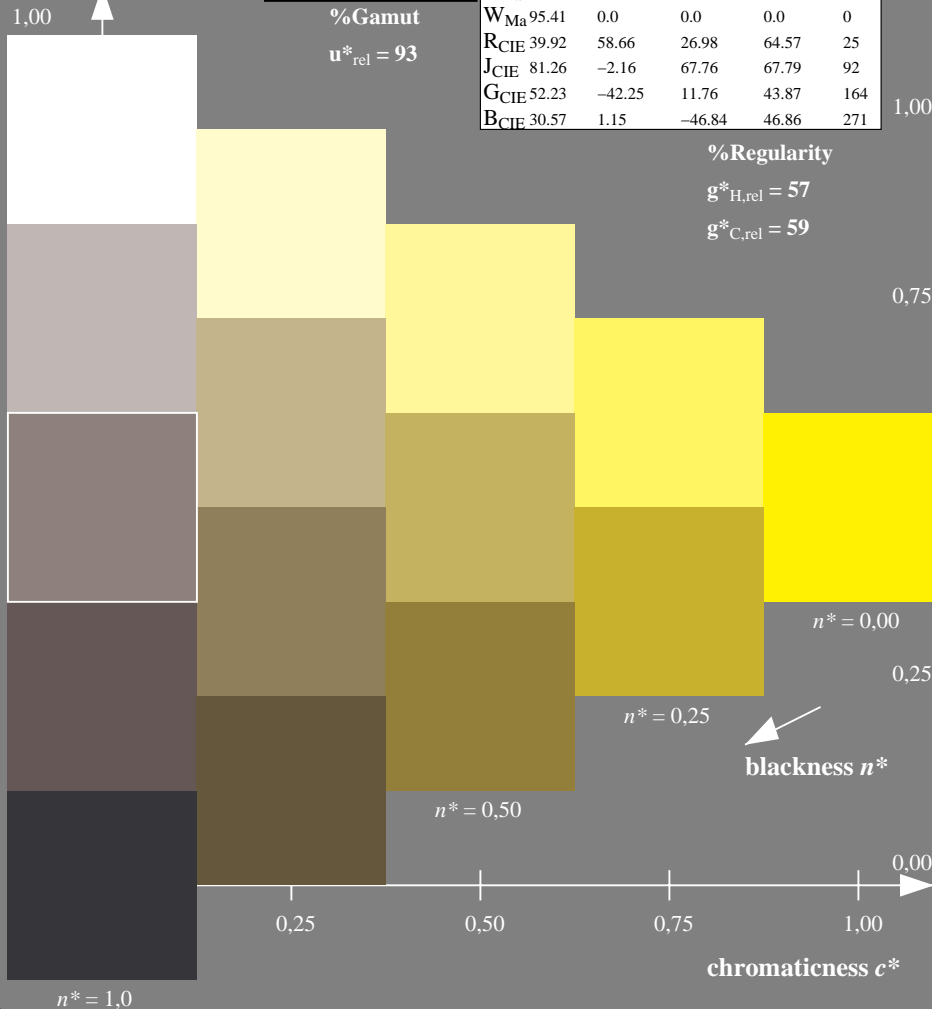


Table with 5 columns: L*, a*, b*, C*, h*. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

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

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



OE400-7, 5 step scales for constant CIELAB hue 96/360 = 0.268 (left)

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 103/360 = 0.286$

lab^*tch and lab^*nch

D65: hue Y
LCH*Ma: 93 93 103
olv*Ma: 1.0 1.0 0.0

triangle lightness

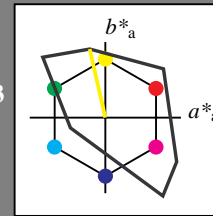
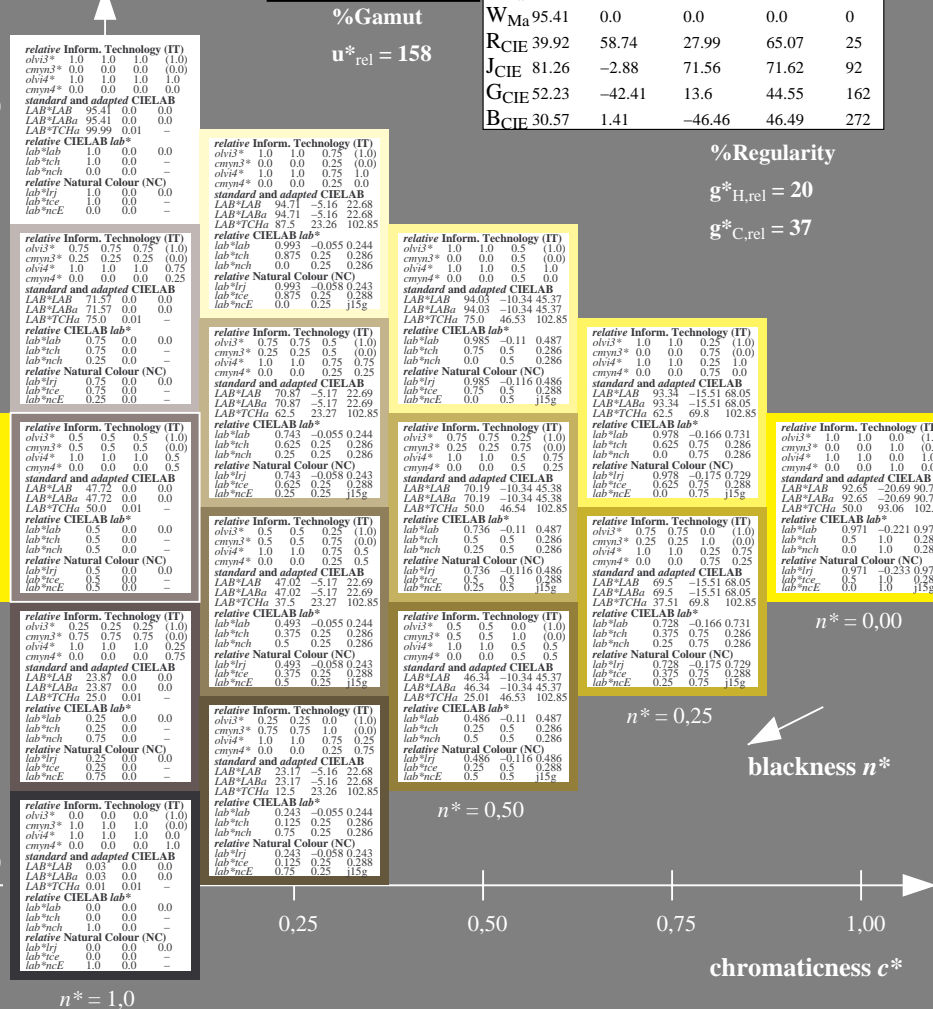


Table with 5 columns: L*, a*, b*, C*, h*. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$



5 step scales for constant CIELAB hue 103/360 = 0.286 (right)

BAM-test chart OE40; Colorimetric systems ORS18 & ORS18

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

input: cmY^*_{set} cmY^*_{color}

output: Startup (S) data dependend

See for similar files: http://www.ps.bam.de/OE40/ Technical information: http://www.ps.bam.de Version 2.1, io=0,0?

BAM registration: 20060101-OE40/10L/L40E01SP.PS/.PDF application for evaluation and measurement of printer or monitor systems /OE40/ Form 2/10, Serie: 1/1, Page: 2 Page count: 2

BAM material: code=rhadt4

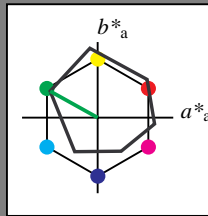
Input: Colorimetric Offset Reflective System ORS18

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

triangle lightness

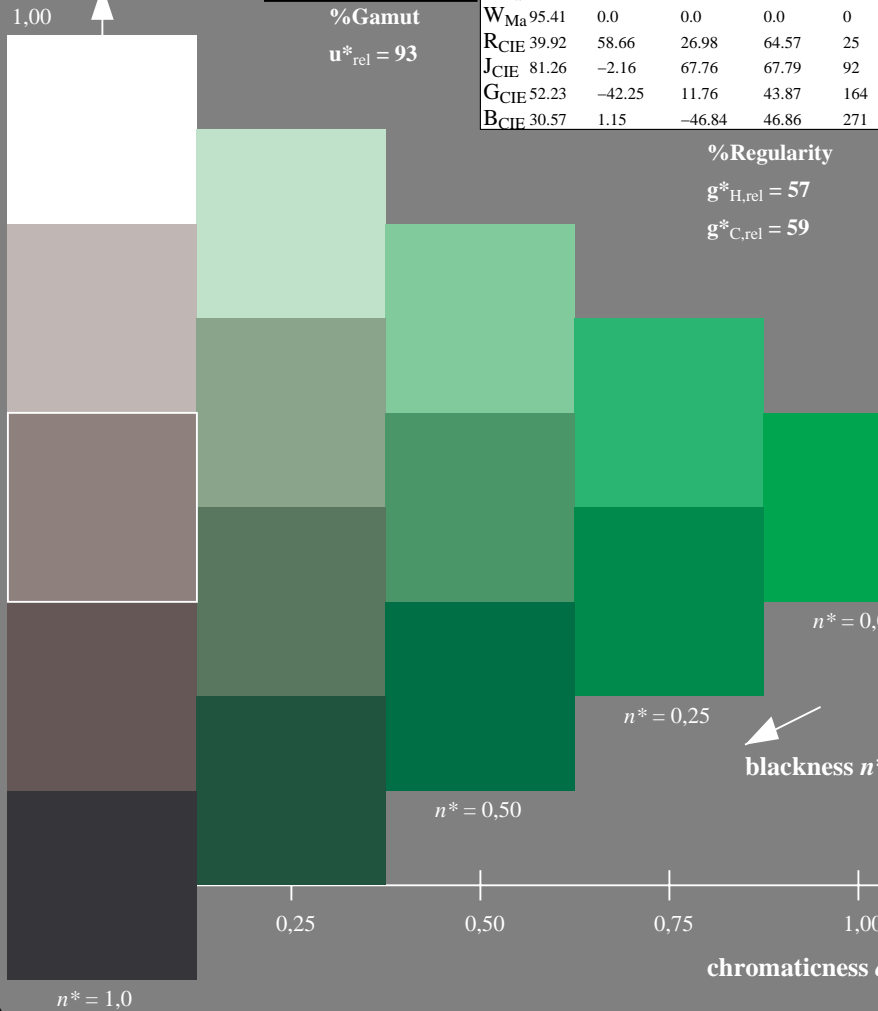


ORS18; adapted (a) CIELAB data table with columns L*, a*, b*, C*, h* and rows OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

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

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



OE40-7, 5 step scales for constant CIELAB hue 151/360 = 0.419 (left)

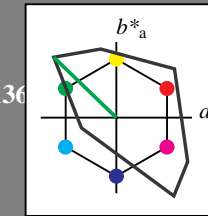
Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 136/360 = 0.378$

lab^*tch and lab^*nch

D65: hue L
LCH*Ma: 84 115 136
olv*Ma: 0.0 1.0 0.0

triangle lightness

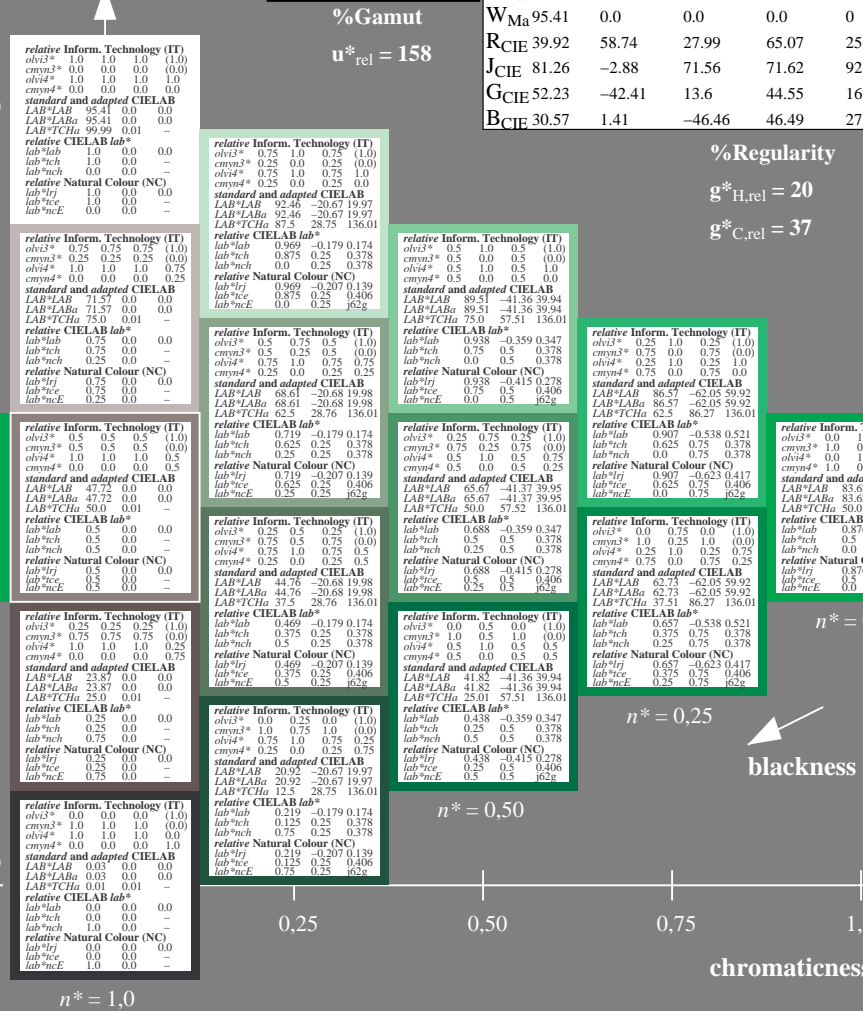


TLS00; adapted (a) CIELAB data table with columns L*, a*, b*, C*, h* and rows OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$



5 step scales for constant CIELAB hue 136/360 = 0.378 (right)

BAM-test chart OE40; Colorimetric systems ORS18 & ORS18

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

input: $cmY0^*$ setcmYcolor

output: Startup (S) data dependent

See for similar files: http://www.ps.bam.de/OE40/ Technical information: http://www.ps.bam.de Version 2.1, io=0,0?

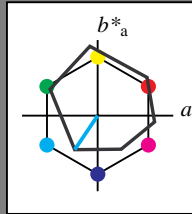
BAM registration: 20060101-OE40/10L/L40E02SP.PS/.PDF application for evaluation and measurement of printer or monitor systems /OE40/ Form: 3/10, Serie: 1/1, Page: 3 Page count: 3

BAM material: code=rh4da

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
triangle lightness

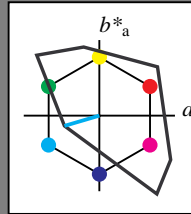


ORS18; adapted (a) CIELAB data table with columns L*, a*, b*, C*, h* and rows for various color patches (O, Y, L, C, V, M, N, W, R, J, G, B).

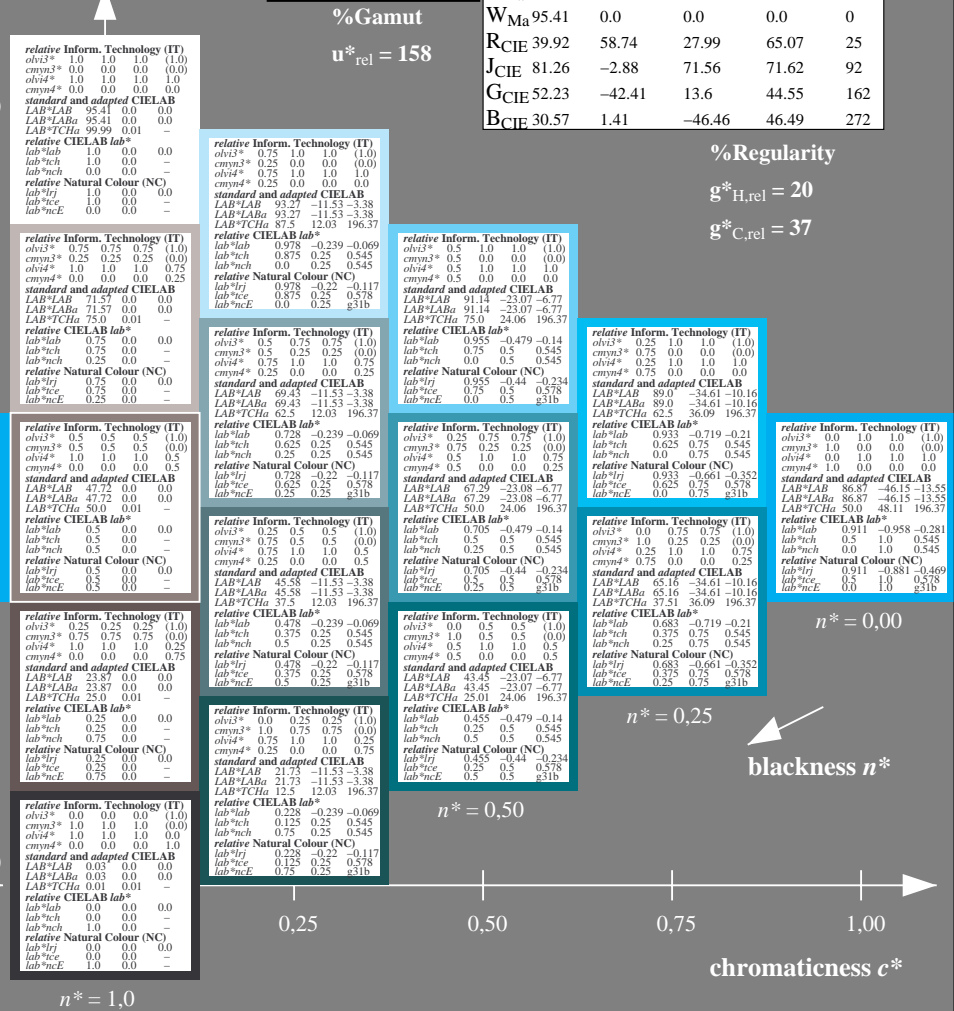
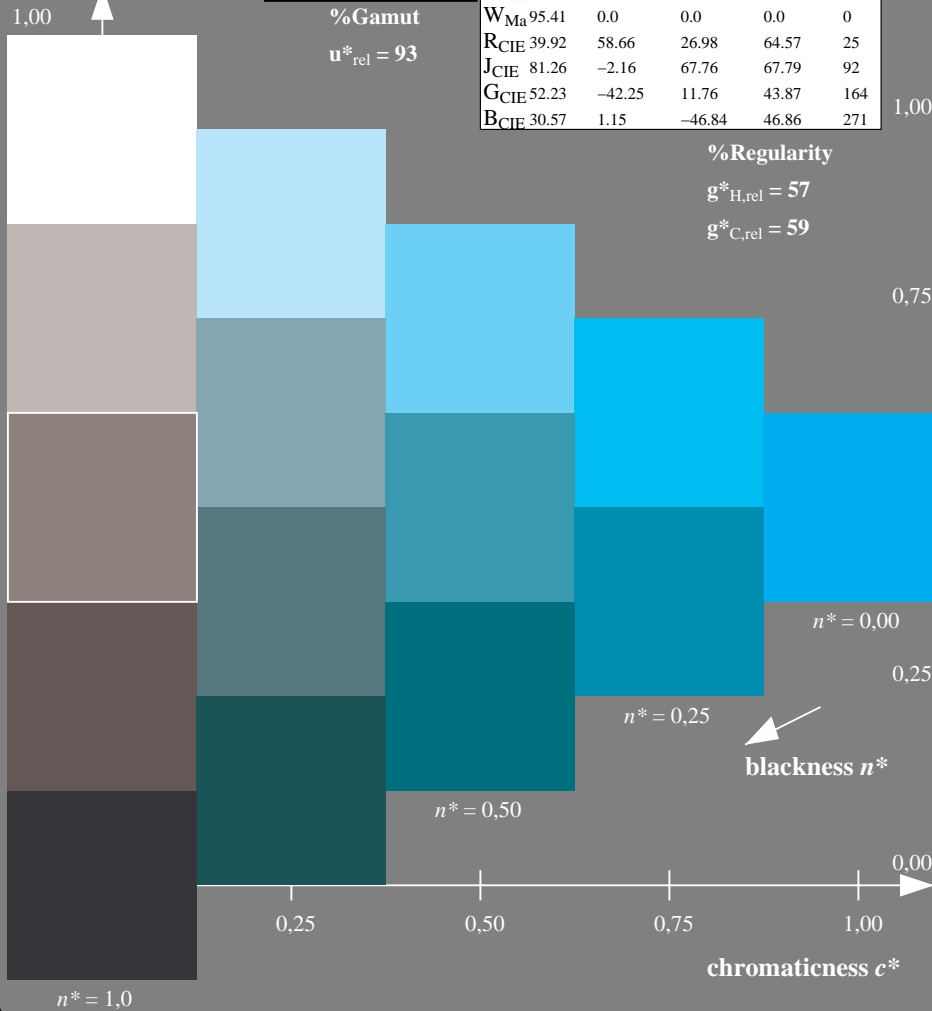
Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 196/360 = 0.545$
 lab^*tch and lab^*nch

D65: hue C
LCH*Ma: 87 48 196
olv*Ma: 0.0 1.0 1.0
triangle lightness



TLS00; adapted (a) CIELAB data table with columns L*, a*, b*, C*, h* and rows for various color patches (O, Y, L, C, V, M, N, W, R, J, G, B).



OE400-7, 5 step scales for constant CIELAB hue 236/360 = 0.656 (left)

5 step scales for constant CIELAB hue 196/360 = 0.545 (right)

BAM-test chart OE40; Colorimetric systems ORS18 & ORS18

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

input: $cmY0^*$ setcmYcolor

output: Startup (S) data dependent

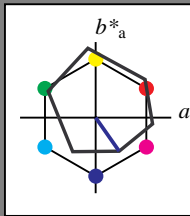
See for similar files: http://www.ps.bam.de/OE40/ Technical information: http://www.ps.bam.de Version 2.1, io=0,0?

BAM registration: 20060101-OE40/10L/L40E03SP.PS/.PDF application for evaluation and measurement of printer or monitor systems /OE40/ Form 4/10, Serie: 1/1, Page: 4 Page count: 4 BAM material: code=rhadt4

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
triangle lightness

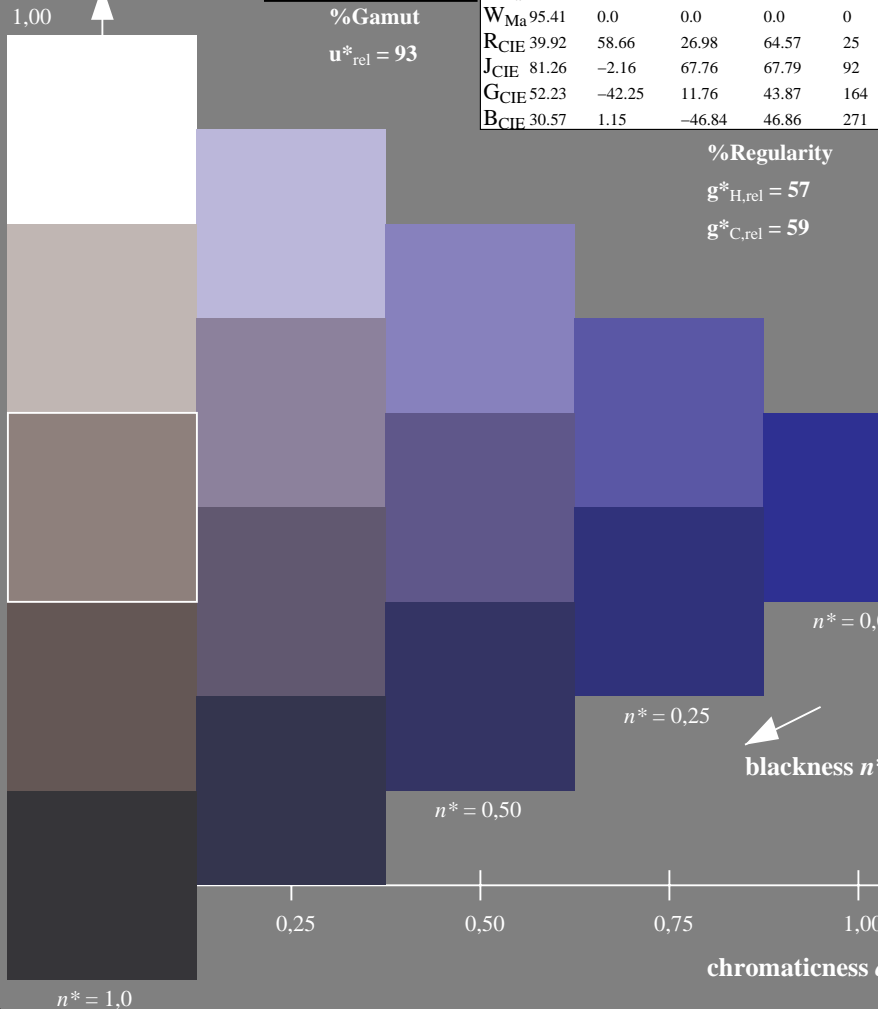


ORS18; adapted (a) CIELAB data table with columns L*, a*, b*, C*, h* and rows OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

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

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

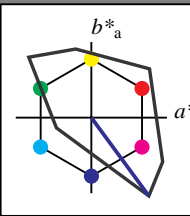


OE40-7, 5 step scales for constant CIELAB hue 305/360 = 0.847 (left)

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 306/360 = 0.851$
 lab^*tch and lab^*nch

D65: hue V
LCH*Ma: 30 129 306
olv*Ma: 0.0 0.0 1.0
triangle lightness

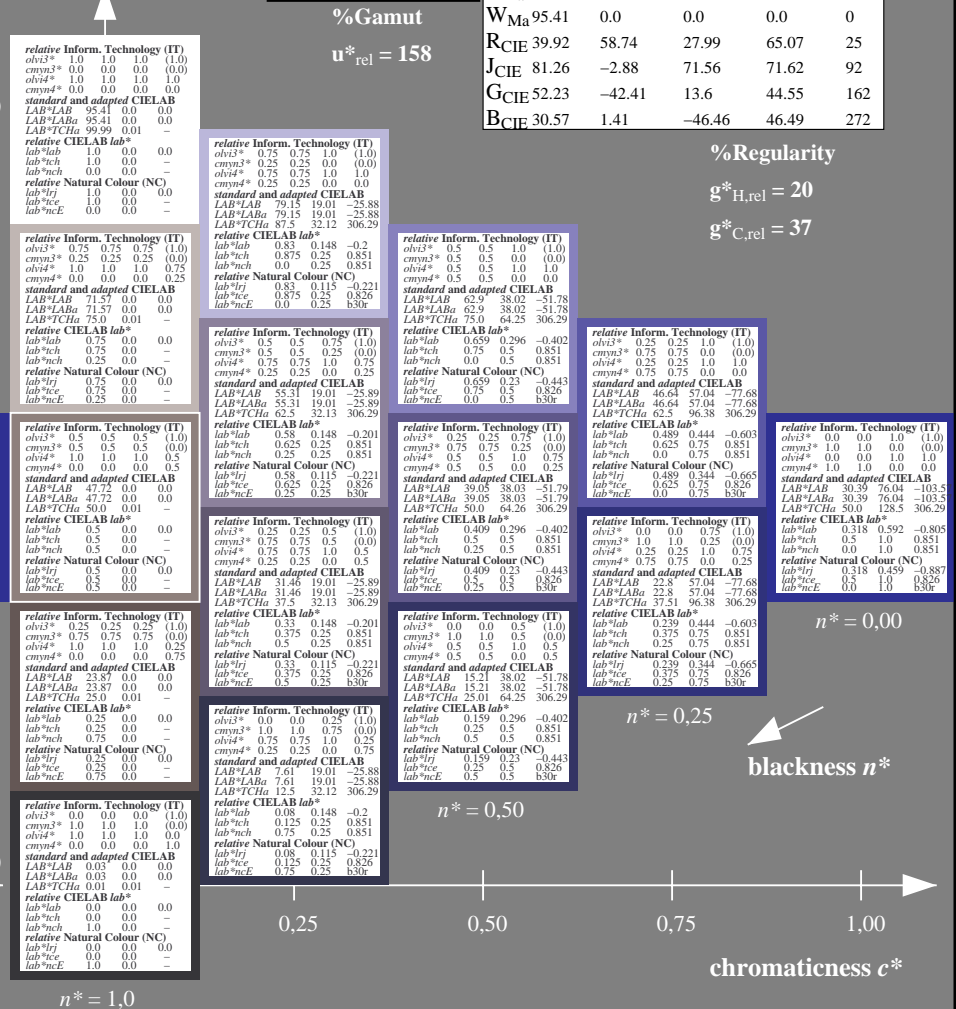


TLS00; adapted (a) CIELAB data table with columns L*, a*, b*, C*, h* and rows OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$



5 step scales for constant CIELAB hue 306/360 = 0.851 (right)

BAM-test chart OE40; Colorimetric systems ORS18 & ORS18

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

input: $cmY0^*$ setcmYcolor

output: Startup (S) data dependend

See for similar files: http://www.ps.bam.de/OE40/ Technical information: http://www.ps.bam.de Version 2.1, io=0,0?

BAM registration: 20060101-OE40/10L/L40E04SP.PS/.PDF application for evaluation and measurement of printer or monitor systems

BAM material: code=rhadt4

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

triangle lightness

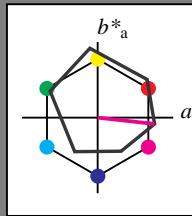
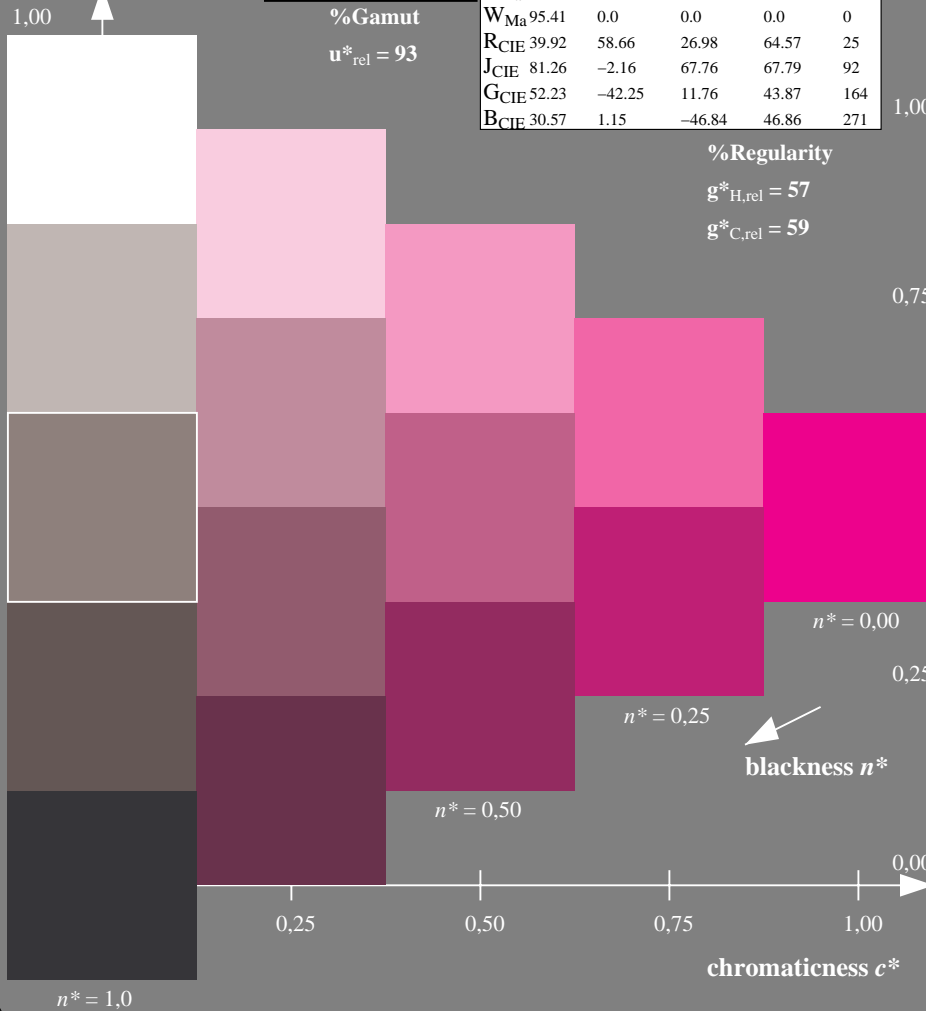


Table with 5 columns: L*, a*, b*, C*, h*. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

g*_{H,rel} = 57

g*_{C,rel} = 59



Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 328/360 = 0.912$

lab^*tch and lab^*nch

D65: hue M
LCH*Ma: 57 111 328
olv*Ma: 1.0 0.0 1.0

triangle lightness

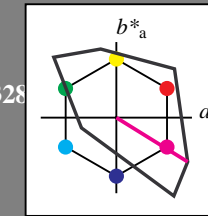
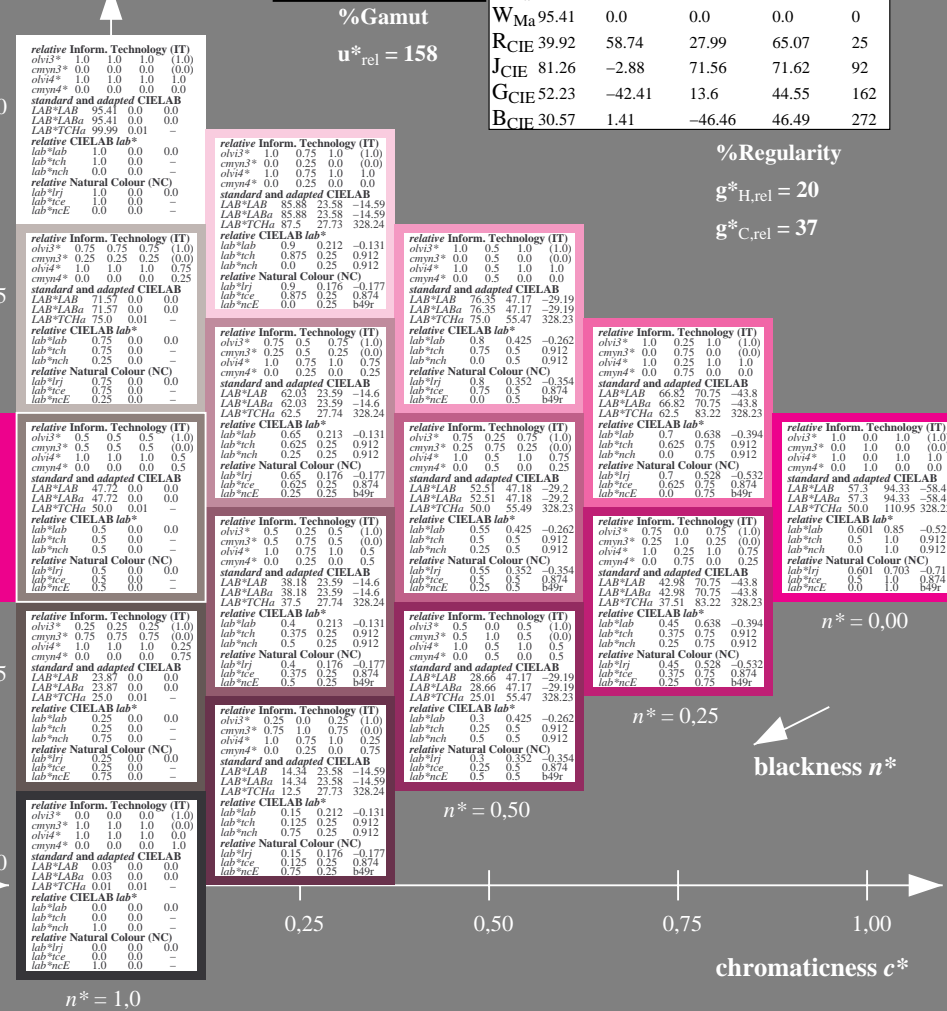


Table with 5 columns: L*, a*, b*, C*, h*. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

g*_{H,rel} = 20

g*_{C,rel} = 37



OE400-7, 5 step scales for constant CIELAB hue 354/360 = 0.982 (left)

5 step scales for constant CIELAB hue 328/360 = 0.912 (right)

BAM-test chart OE40; Colorimetric systems ORS18 & ORS18

input: $cmY0^*$ setcmYcolor

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

output: Startup (S) data dependend

See for similar files: http://www.ps.bam.de/OE40/ Technical information: http://www.ps.bam.de Version 2.1, io=0,0?

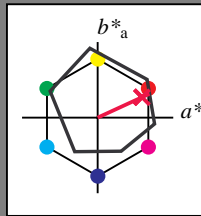
BAM registration: 20060101-OE40/10L/L40E05SP.PS/.PDF application for evaluation and measurement of printer or monitor systems

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
triangle lightness

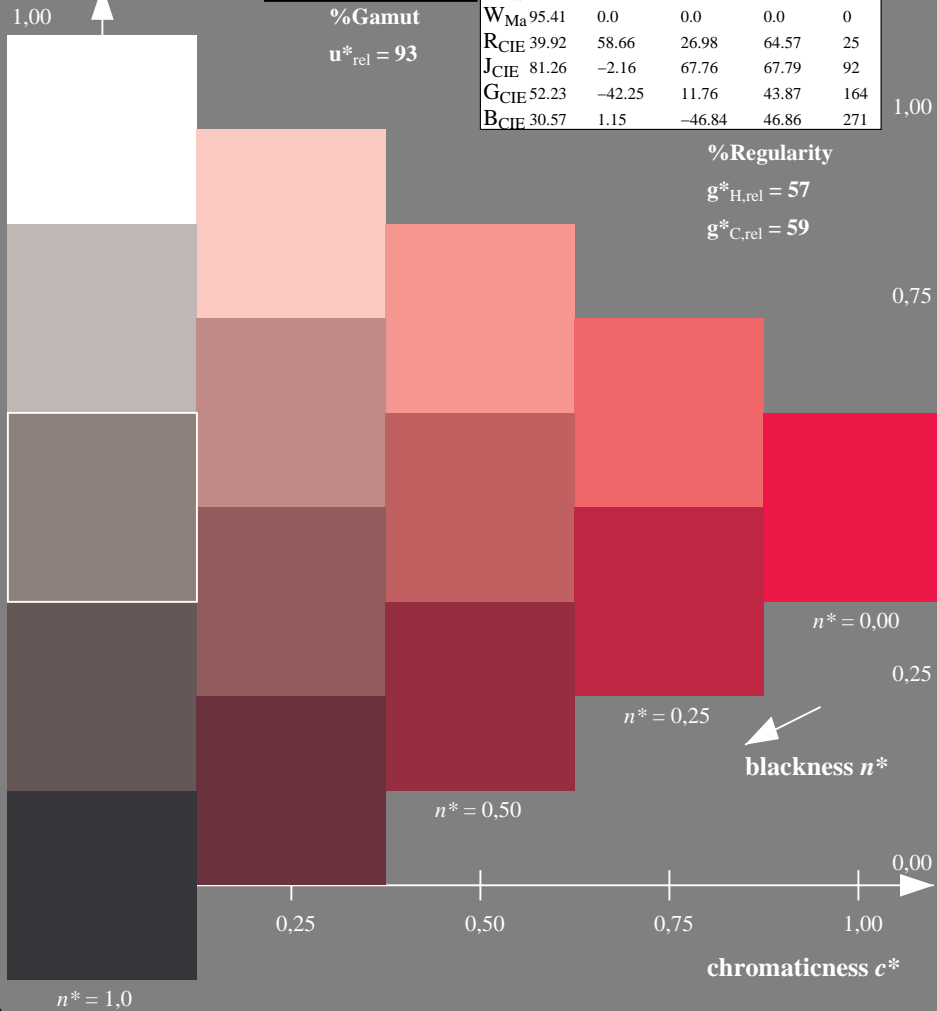


ORS18; adapted (a) CIELAB data table with columns L*, a*, b*, C*, h* and rows OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

g*_{H,rel} = 57

g*_{C,rel} = 59

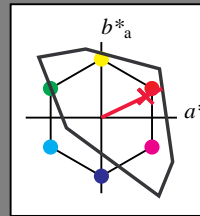


Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 25/360 = 0.071$

lab^*tch and lab^*nch

D65: hue R
LCH*Ma: 52 89 25
olv*Ma: 1.0 0.0 0.21
triangle lightness

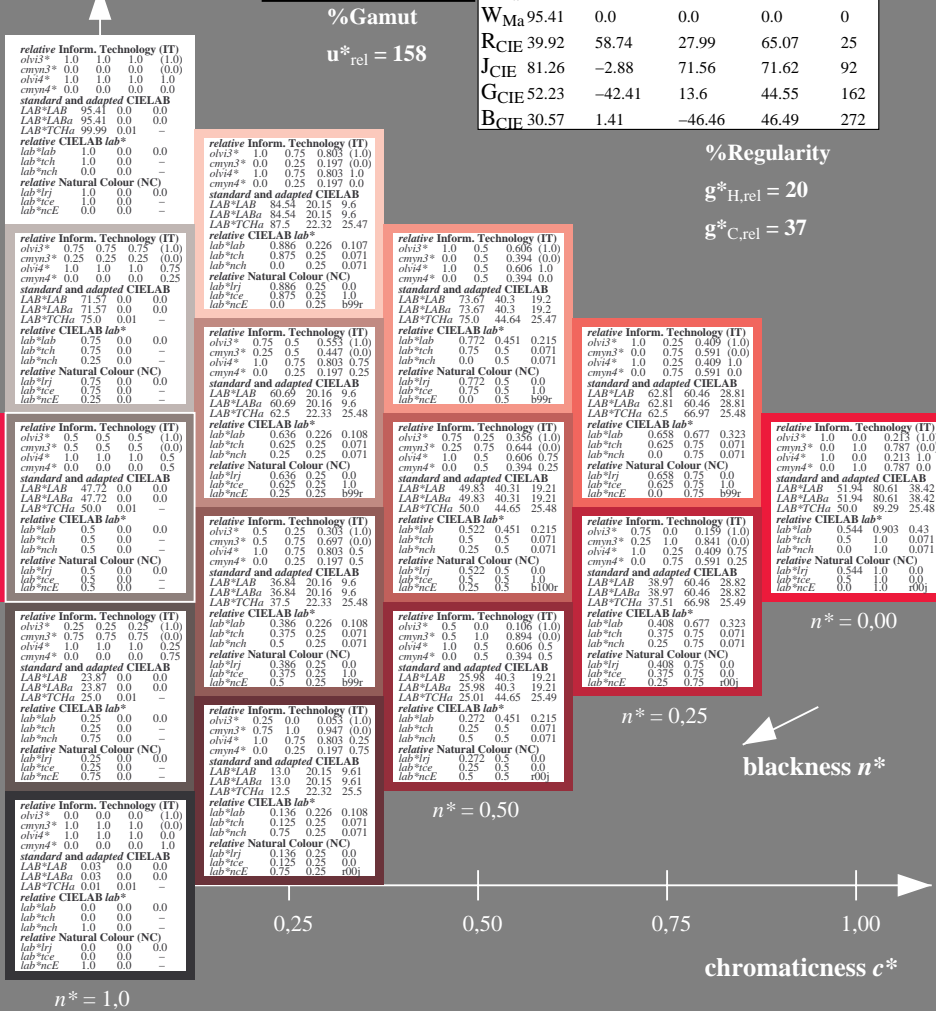


TLS00; adapted (a) CIELAB data table with columns L*, a*, b*, C*, h* and rows OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

g*_{H,rel} = 20

g*_{C,rel} = 37



OE400-7, 5 step scales for constant CIELAB hue 25/360 = 0.069 (left)

5 step scales for constant CIELAB hue 25/360 = 0.071 (right)

BAM-test chart OE40; Colorimetric systems ORS18 & ORS18

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

input: $cmY0^*$ setcmYcolor

output: Startup (S) data dependend

See for similar files: http://www.ps.bam.de/OE40/ Technical information: http://www.ps.bam.de Version 2.1, io=0,0?

BAM registration: 20060101-OE40/10L/L40E06SP.PS/.PDF application for evaluation and measurement of printer or monitor systems

BAM material: code=rhadt4

Input: Colorimetric Offset Reflective System ORS18

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

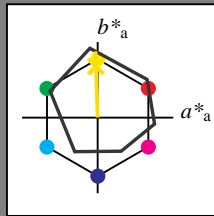
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 86 88 92

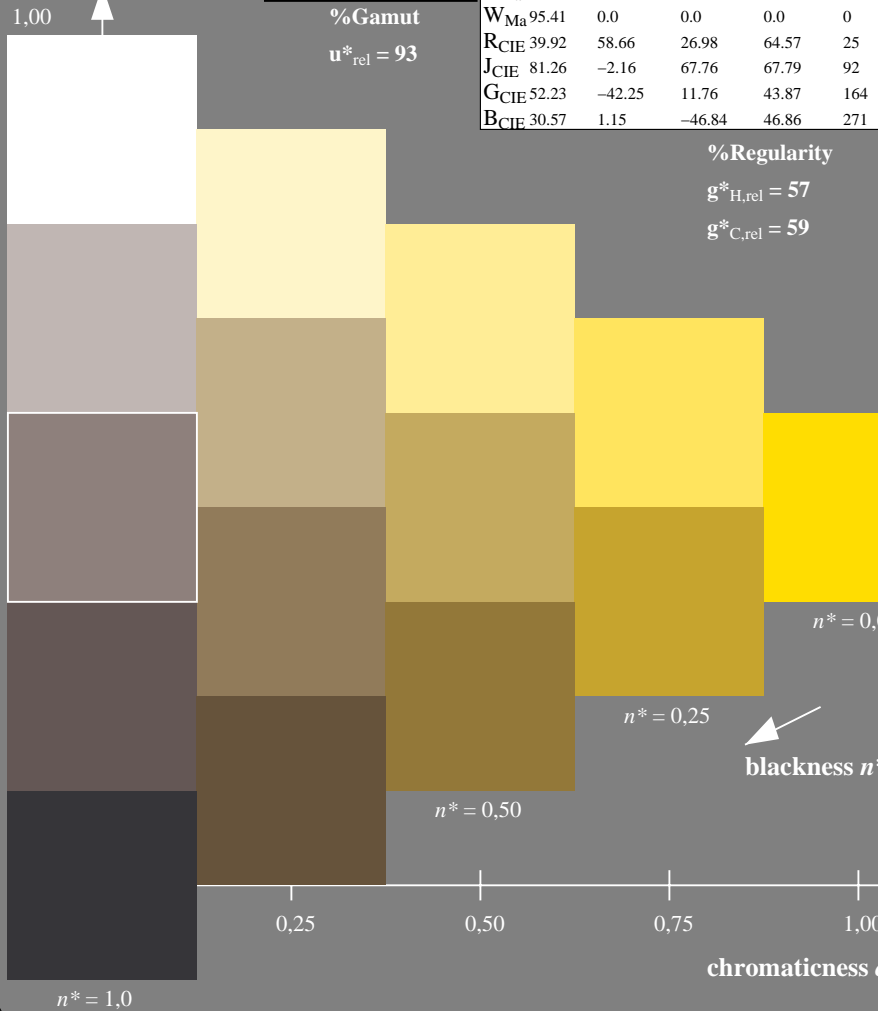
olv*Ma: 1.0 0.9 0.0

triangle lightness



%Gamut

$u^*_{rel} = 93$



OE400-7, 5 step scales for constant CIELAB hue 92/360 = 0.255 (left)

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 92/360 = 0.256$

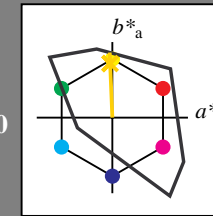
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 85 86 92

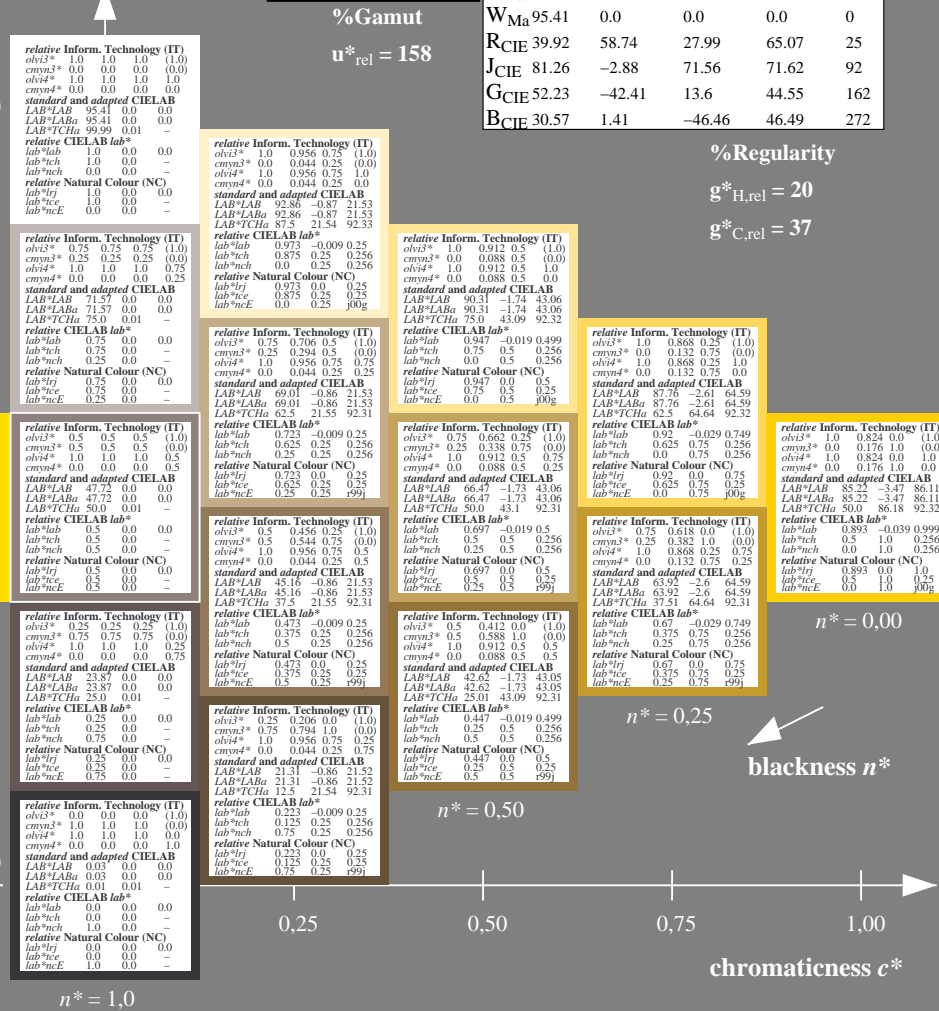
olv*Ma: 1.0 0.82 0.0

triangle lightness



%Gamut

$u^*_{rel} = 158$



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

Table with 5 columns: L*, a*, b*, C*, h*. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

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

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

Table with 5 columns: L*, a*, b*, C*, h*. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT) and standard and adapted CIELAB data for ORS18.

relative CIELAB lab* and relative Natural Colour (NC) data for ORS18.

relative Inform. Technology (IT) and standard and adapted CIELAB data for ORS18.

relative CIELAB lab* and relative Natural Colour (NC) data for ORS18.

relative Inform. Technology (IT) and standard and adapted CIELAB data for ORS18.

relative CIELAB lab* and relative Natural Colour (NC) data for ORS18.

relative Inform. Technology (IT) and standard and adapted CIELAB data for ORS18.

relative CIELAB lab* and relative Natural Colour (NC) data for ORS18.

relative Inform. Technology (IT) and standard and adapted CIELAB data for ORS18.

relative CIELAB lab* and relative Natural Colour (NC) data for ORS18.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

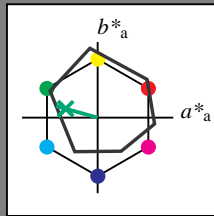
relative Inform. Technology (IT) and standard and adapted CIELAB data for TLS00.

relative CIELAB lab* and relative Natural Colour (NC) data for TLS00.

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
triangle lightness

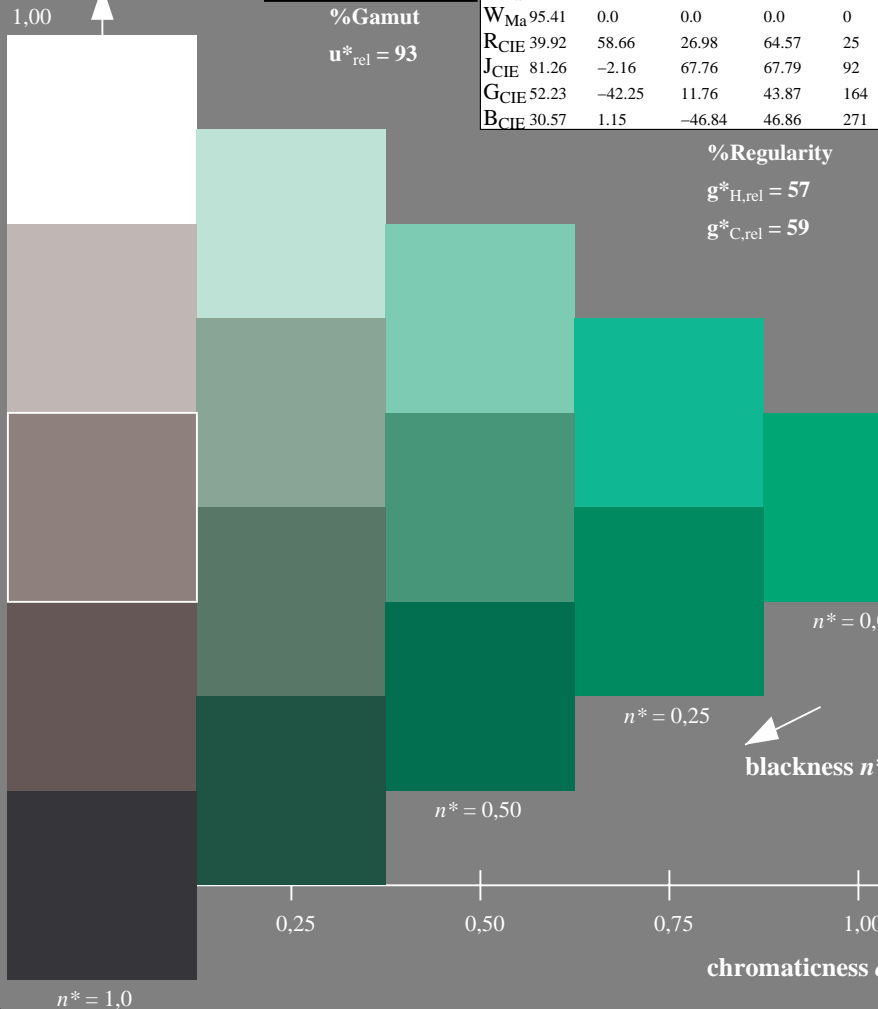


ORS18; adapted (a) CIELAB data table with columns L*, a*, b*, C*, h* and rows OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

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

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

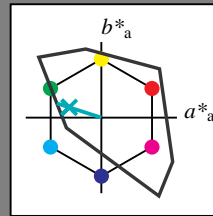


OE400-7, 5 step scales for constant CIELAB hue 164/360 = 0.457 (left)

Output: Colorimetric Television Luminous System TLS00

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

D65: hue G
LCH*Ma: 86 62 162
olv*Ma: 0.0 1.0 0.65
triangle lightness

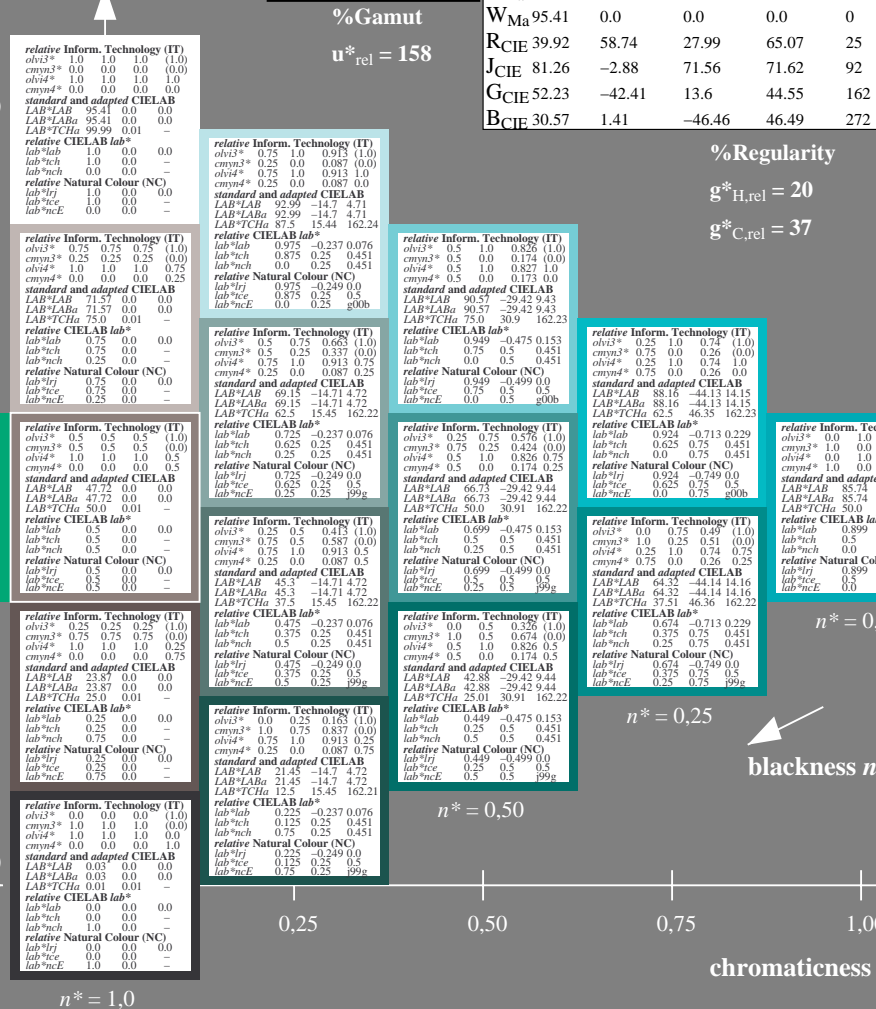


TLS00; adapted (a) CIELAB data table with columns L*, a*, b*, C*, h* and rows OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$



5 step scales for constant CIELAB hue 162/360 = 0.451 (right)

BAM-test chart OE40; Colorimetric systems ORS18 & ORS18

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

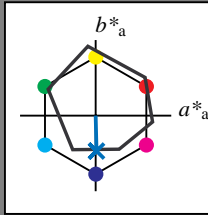
input: $cmY0^*$ setcmYcolor

output: Startup (S) data dependend

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
triangle lightness

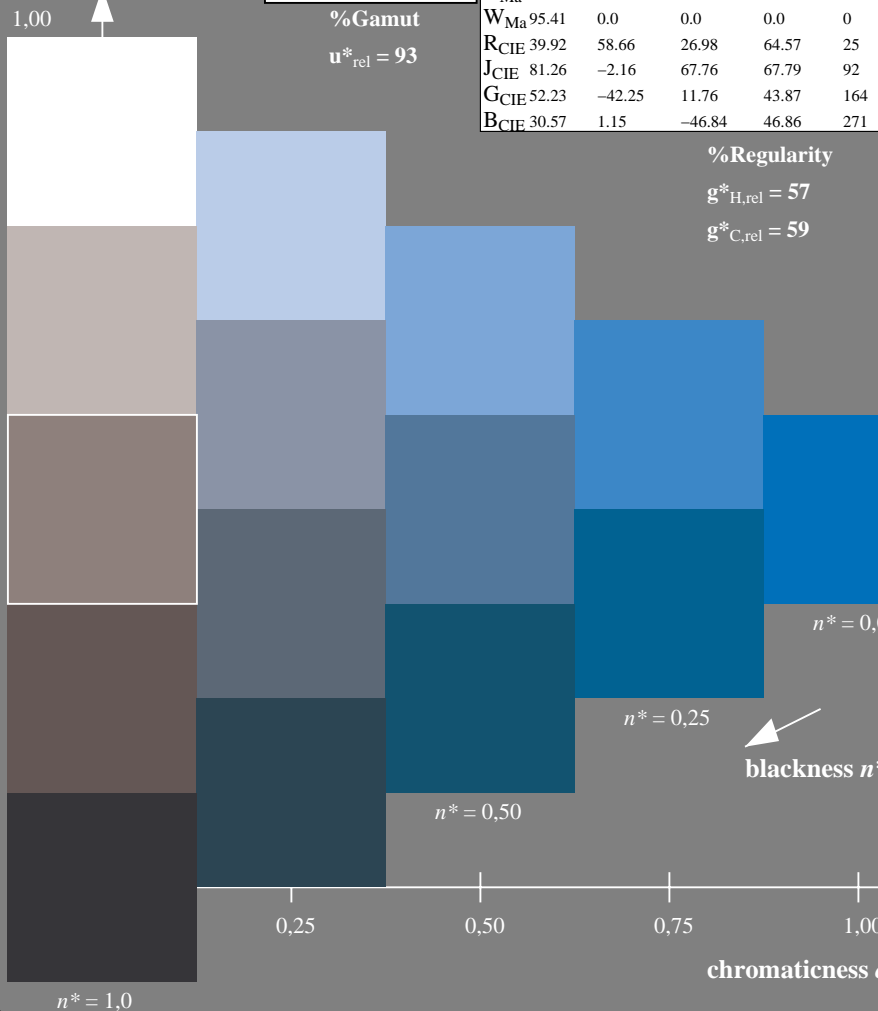


ORS18; adapted (a) CIELAB data table with columns L*, a*, b*, C*, h* and rows OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

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

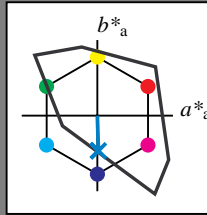
$g^*_{C,rel} = 59$



Output: Colorimetric Television Luminous System TLS00

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

D65: hue B
LCH*Ma: 65 49 272
olv*Ma: 0.0 0.61 1.0
triangle lightness

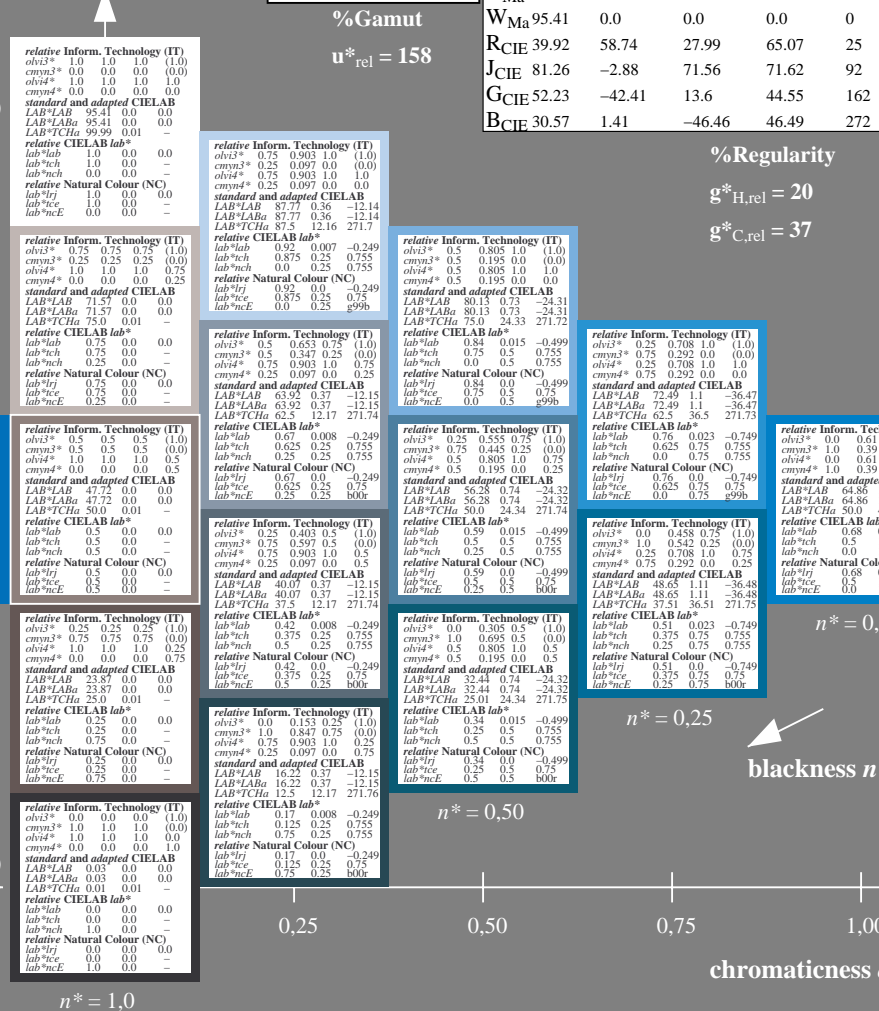


TLS00; adapted (a) CIELAB data table with columns L*, a*, b*, C*, h* and rows OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$



OE400-7, 5 step scales for constant CIELAB hue 271/360 = 0.754 (left)

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

BAM-test chart OE40; Colorimetric systems ORS18 & ORS18

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

input: $cmY0^*$ setcmYcolor

output: Startup (S) data dependend