

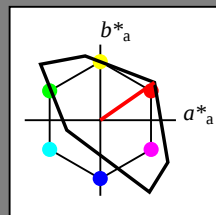
Input: Colorimetric Television Luminous System TLS18

for hue $h^* = lab^*h = 35/360 = 0.097$ lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 53 87 35

olv*Ma: 1.0 0.0 0.0

triangle lightness t^* 

%Gamut

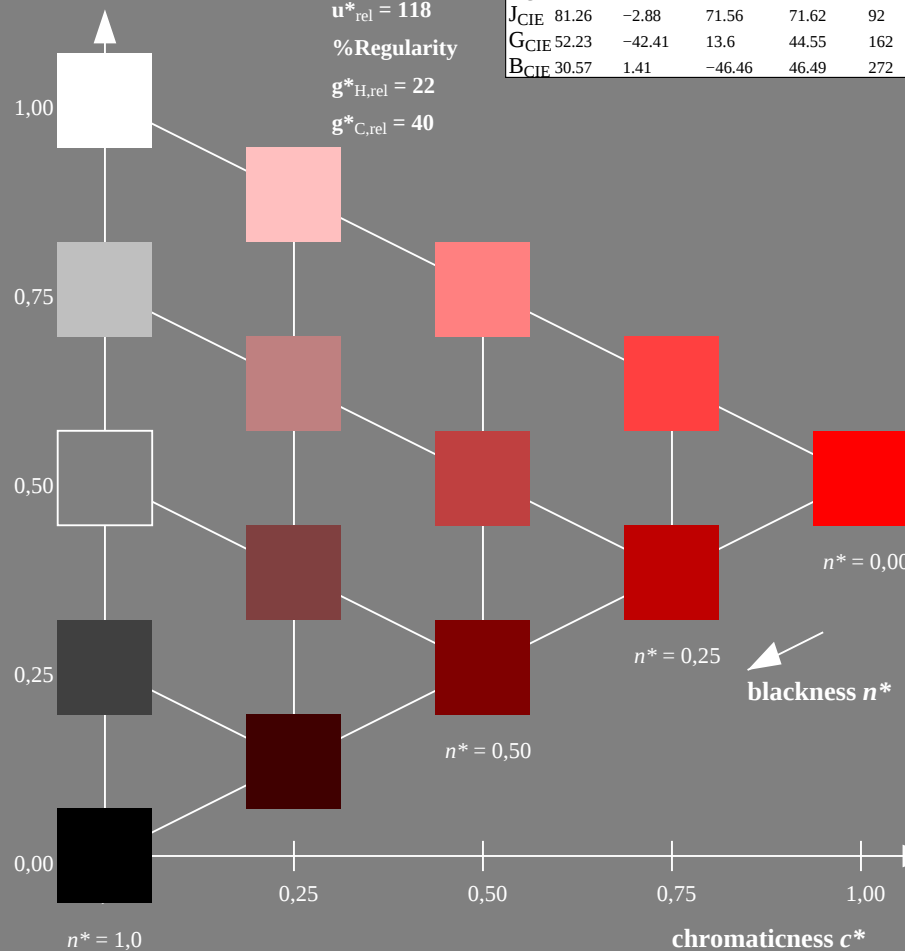
 $u^*_{rel} = 118$

%Regularity

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
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	58.74	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



NE290-7, 5 step scales for constant CIELAB hue 35/360 = 0.097 (left)



BAM-test chart NE29; Colorimetric systems ORS18 & ORS18

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

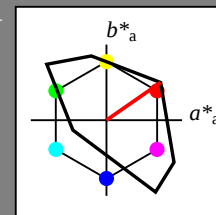
Output: Colorimetric Television Luminous System TLS18

for hue $h^* = lab^*h = 35/360 = 0.097$ LAB^*LCH , LAB^*NCH

D65: hue O

LCH*Ma: 53 87 35

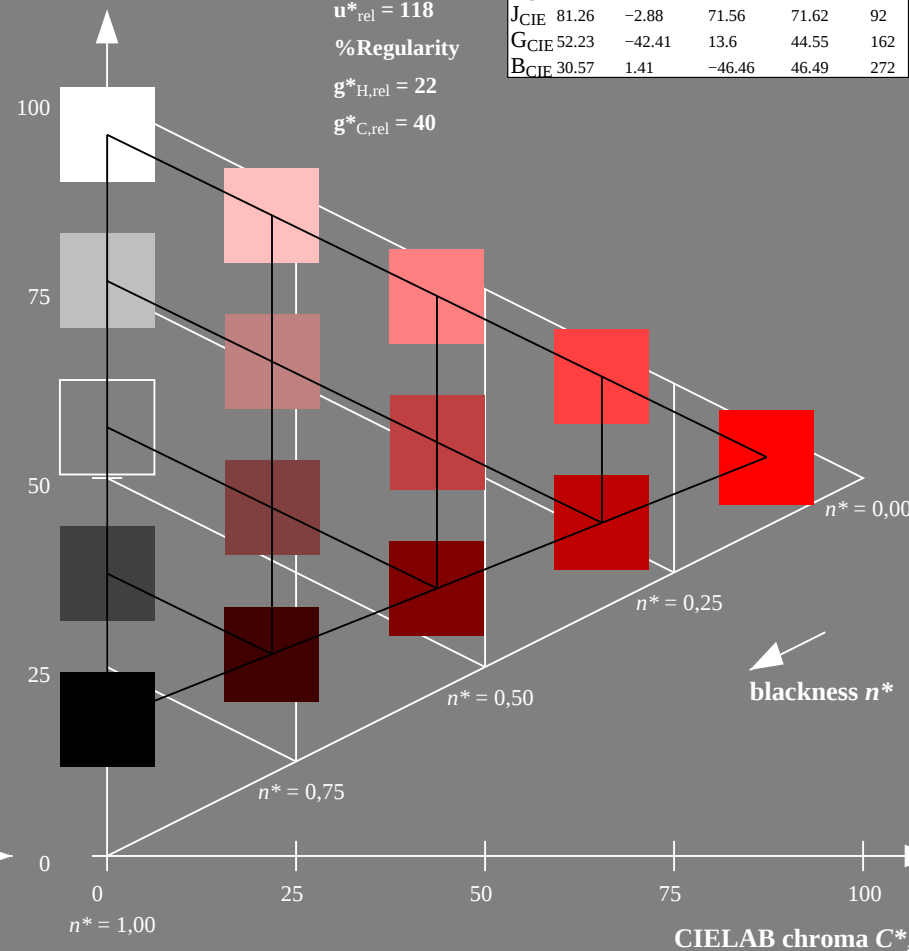
olv*Ma: 1.0 0.0 0.0

CIELAB lightness L^* 

%Gamut

 $u^*_{rel} = 118$

%Regularity

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$ 

5 step scales for constant CIELAB hue 35/360 = 0.097 (right)

input: olv* setrgbcolor

output: Startup (S) data dependend



Input: Colorimetric Television Luminous System TLS18

for hue $h^* = lab \cdot h = 103/360 = 0.287$

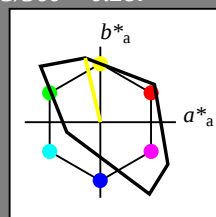
$lab \cdot tch$ and $lab \cdot nch$

D65: hue Y

LCH*Ma: 93 87 103

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 118$

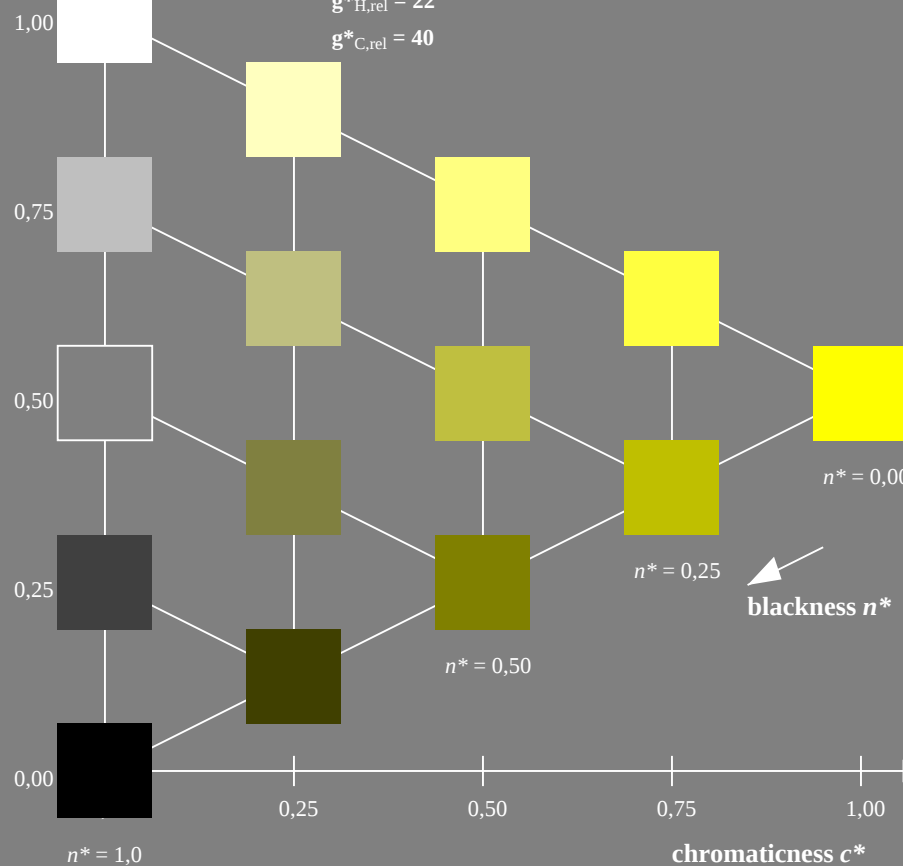
%Regularity

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
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	58.74	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



NE290-7, 5 step scales for constant CIELAB hue 103/360 = 0.287 (left)

Output: Colorimetric Television Luminous System TLS18

for hue $h^* = lab \cdot h = 103/360 = 0.287$

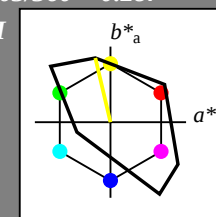
$LAB \cdot LCH$, $LAB \cdot NCH$

D65: hue Y

LCH*Ma: 93 87 103

olv*Ma: 1.0 1.0 0.0

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 118$

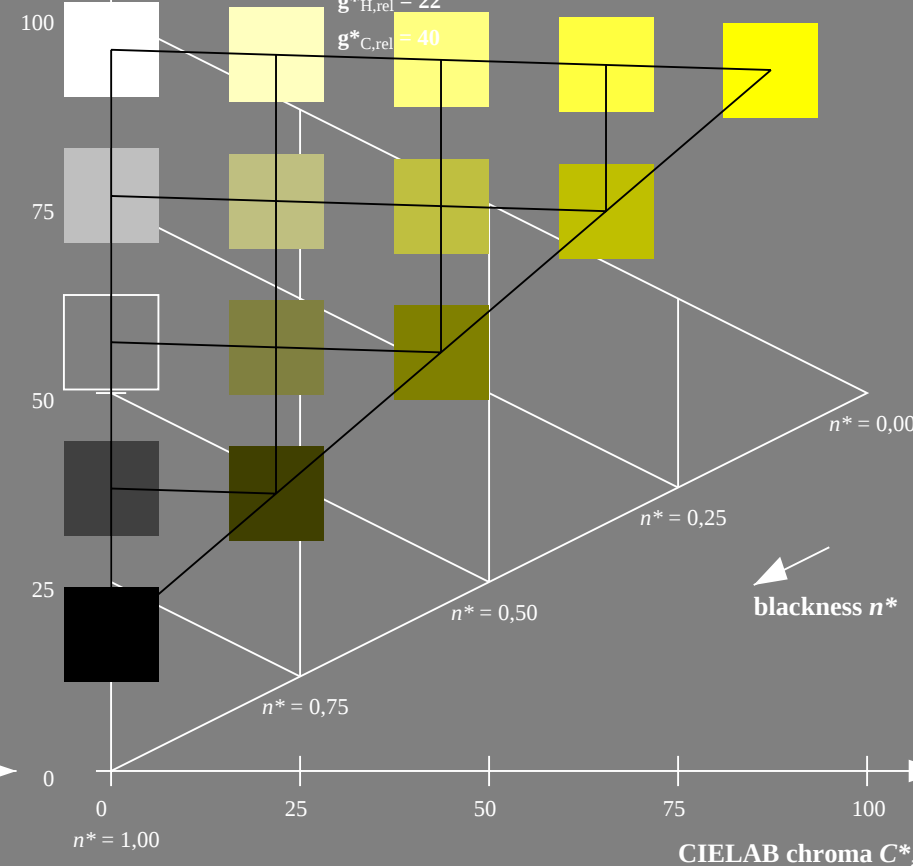
%Regularity

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
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	58.74	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



5 step scales for constant CIELAB hue 103/360 = 0.287 (right)

BAM-test chart NE29; Colorimetric systems ORS18 & ORS18

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

input: $olv^* setrgbcolor$

output: Startup (S) data dependend

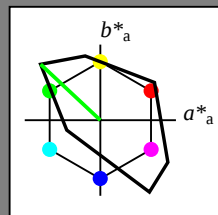
Input: Colorimetric Television Luminous System TLS18

for hue $h^* = lab^*h = 137/360 = 0.38$ lab^*tch and lab^*nch

D65: hue L

LCH*Ma: 84 108 137

olv*Ma: 0.0 1.0 0.0

triangle lightness t^* 

%Gamut

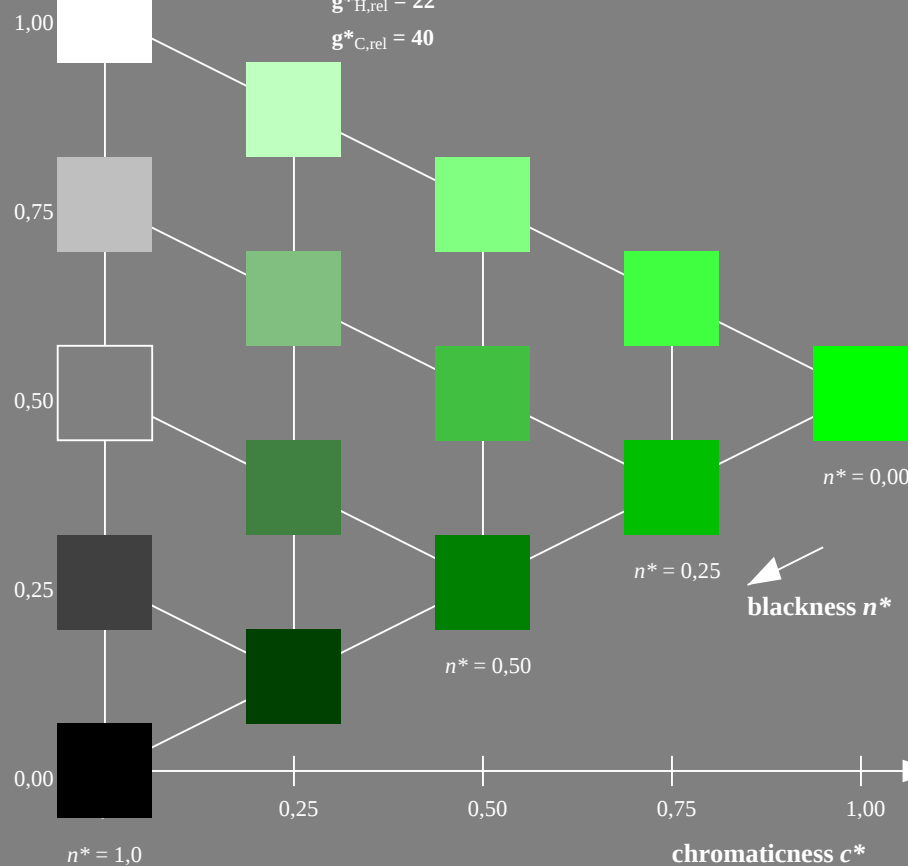
 $u^*_{rel} = 118$

%Regularity

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
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	58.74	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



NE290-7, 5 step scales for constant CIE LAB hue 137/360 = 0.38 (left)



BAM-test chart NE29; Colorimetric systems ORS18 & ORS18

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

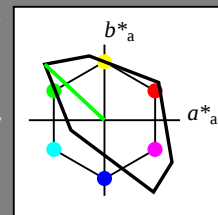
Output: Colorimetric Television Luminous System TLS18

for hue $h^* = lab^*h = 137/360 = 0.38$ LAB^*LCH , LAB^*NCH

D65: hue L

LCH*Ma: 84 108 137

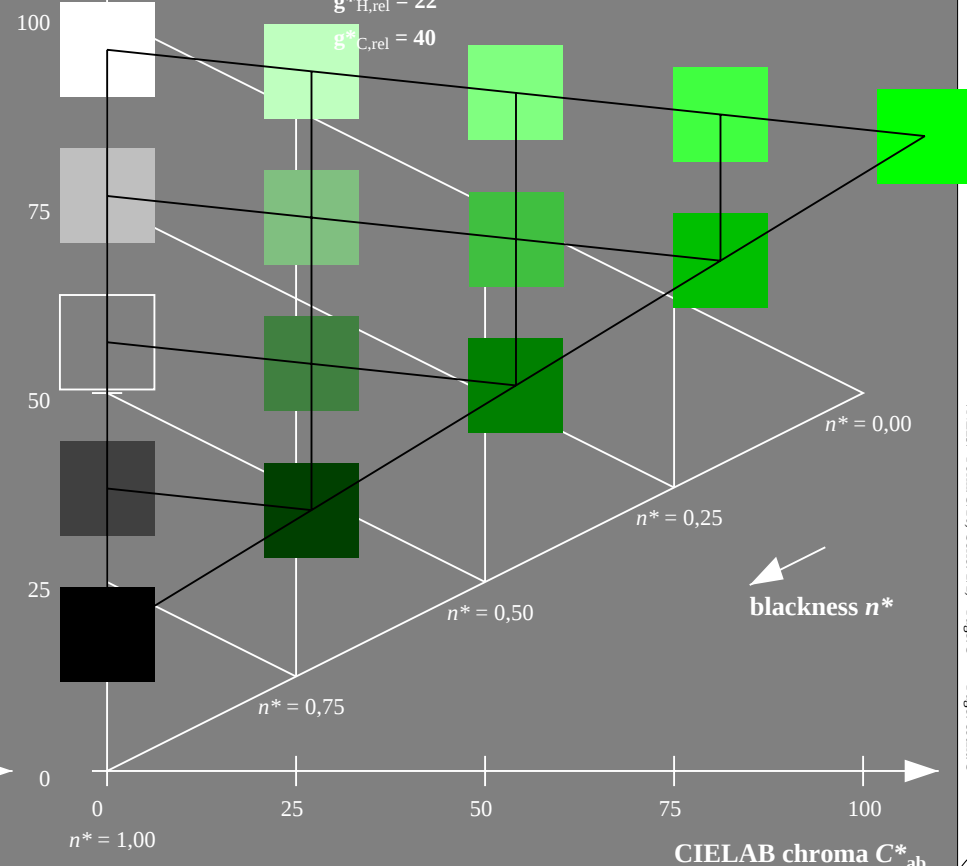
olv*Ma: 0.0 1.0 0.0

CIE LAB lightness L^* 

%Gamut

 $u^*_{rel} = 118$

%Regularity

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$ 

5 step scales for constant CIE LAB hue 137/360 = 0.38 (right)

input: olv* setrgbcolor

output: Startup (S) data depend



Input: Colorimetric Television Luminous System TLS18

for hue $h^* = lab \cdot h = 196/360 = 0.546$

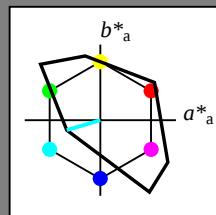
$lab \cdot tch$ and $lab \cdot nch$

D65: hue C

LCH*Ma: 87 46 196

olv*Ma: 0.0 1.0 1.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 118$

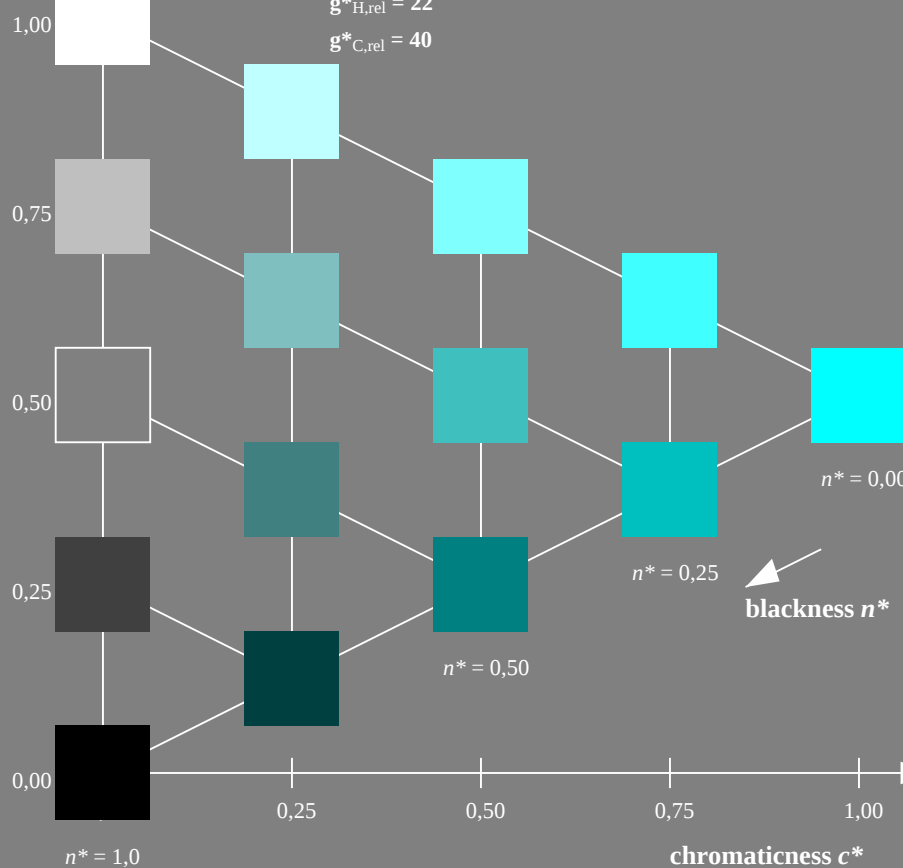
%Regularity

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
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	58.74	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



NE290-7, 5 step scales for constant CIELAB hue 196/360 = 0.546 (left)

Output: Colorimetric Television Luminous System TLS18

for hue $h^* = lab \cdot h = 196/360 = 0.546$

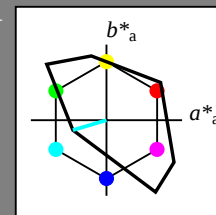
$LAB \cdot LCH$, $LAB \cdot NCH$

D65: hue C

LCH*Ma: 87 46 196

olv*Ma: 0.0 1.0 1.0

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 118$

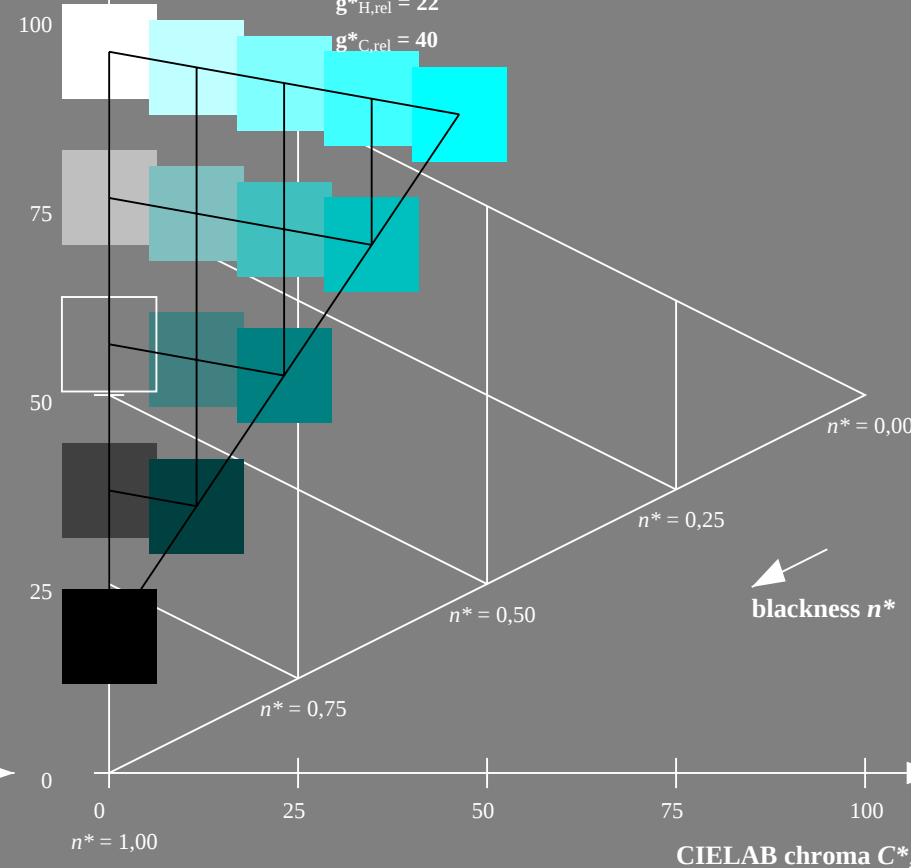
%Regularity

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
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	58.74	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



5 step scales for constant CIELAB hue 196/360 = 0.546 (right)

BAM-test chart NE29; Colorimetric systems ORS18 & ORS18

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

input: $olv^* \cdot setrgbcolor$

output: Startup (S) data dependend

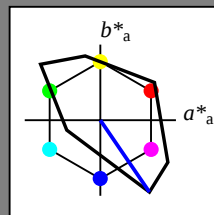
Input: Colorimetric Television Luminous System TLS18

for hue $h^* = lab \cdot h = 304/360 = 0.845$ $lab \cdot tch$ and $lab \cdot nch$

D65: hue V

LCH*Ma: 35 115 304

olv*Ma: 0.0 0.0 1.0

triangle lightness t^* 

%Gamut

 $u^*_{rel} = 118$

%Regularity

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
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	58.74	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

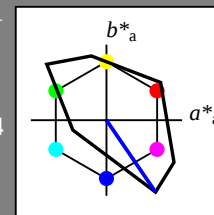
Output: Colorimetric Television Luminous System TLS18

for hue $h^* = lab \cdot h = 304/360 = 0.845$ $LAB \cdot LCH$, $LAB \cdot NCH$

D65: hue V

LCH*Ma: 35 115 304

olv*Ma: 0.0 0.0 1.0

CIELAB lightness L^* 

%Gamut

 $u^*_{rel} = 118$

%Regularity

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

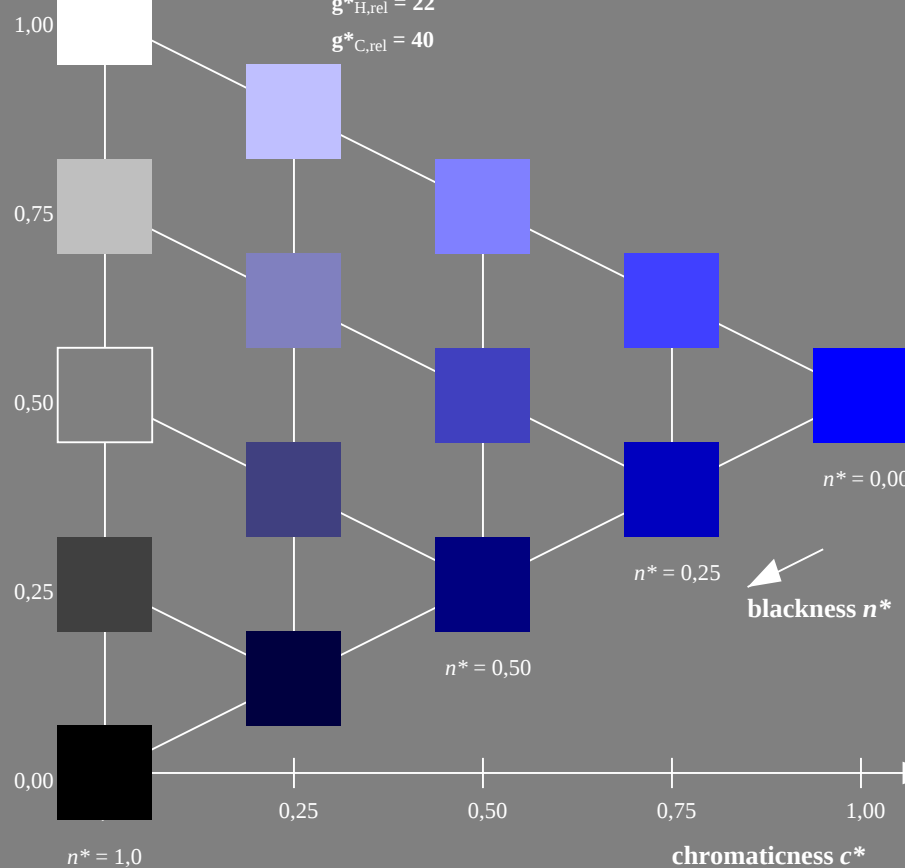
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	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

triangle lightness t^*

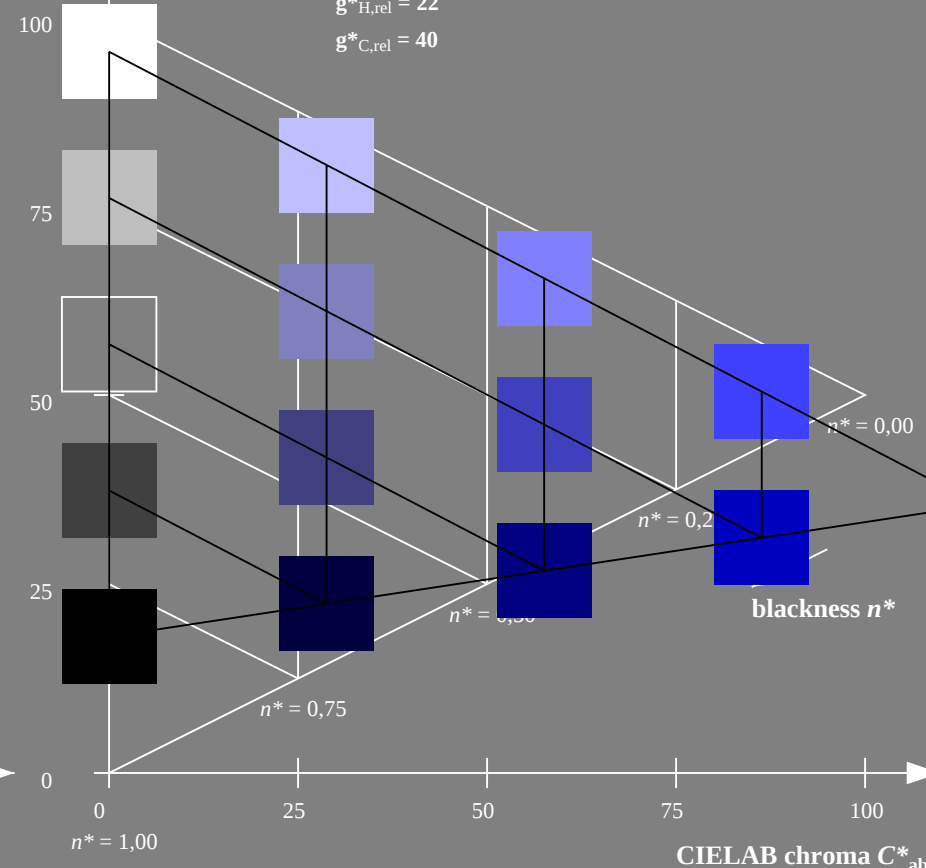
%Gamut

 $u^*_{rel} = 118$

%Regularity

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$ 

NE290-7, 5 step scales for constant CIELAB hue 304/360 = 0.845 (left)



5 step scales for constant CIELAB hue 304/360 = 0.845 (right)

BAM-test chart NE29; Colorimetric systems ORS18 & ORS18

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

input: olv* setrgbcolor

output: Startup (S) data depend

Input: Colorimetric Television Luminous System TLS18

for hue $h^* = lab \cdot h = 328/360 = 0.911$

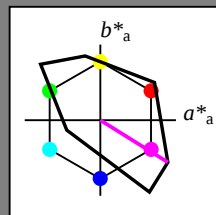
$lab \cdot tch$ and $lab \cdot nch$

D65: hue M

LCH*Ma: 59 105 328

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 118$

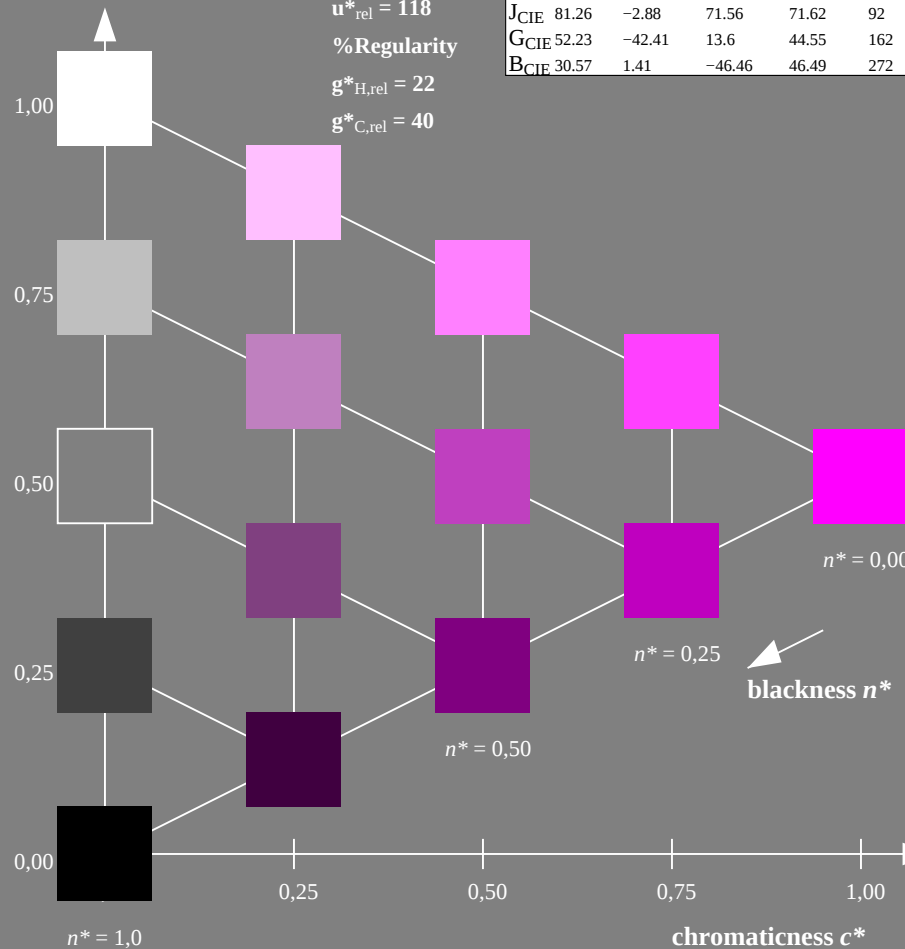
%Regularity

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
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	58.74	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



NE290-7, 5 step scales for constant CIELAB hue 328/360 = 0.911 (left)

Output: Colorimetric Television Luminous System TLS18

for hue $h^* = lab \cdot h = 328/360 = 0.911$

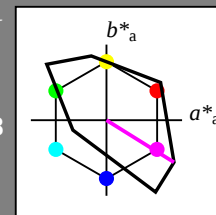
$LAB \cdot LCH$, $LAB \cdot NCH$

D65: hue M

LCH*Ma: 59 105 328

olv*Ma: 1.0 0.0 1.0

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 118$

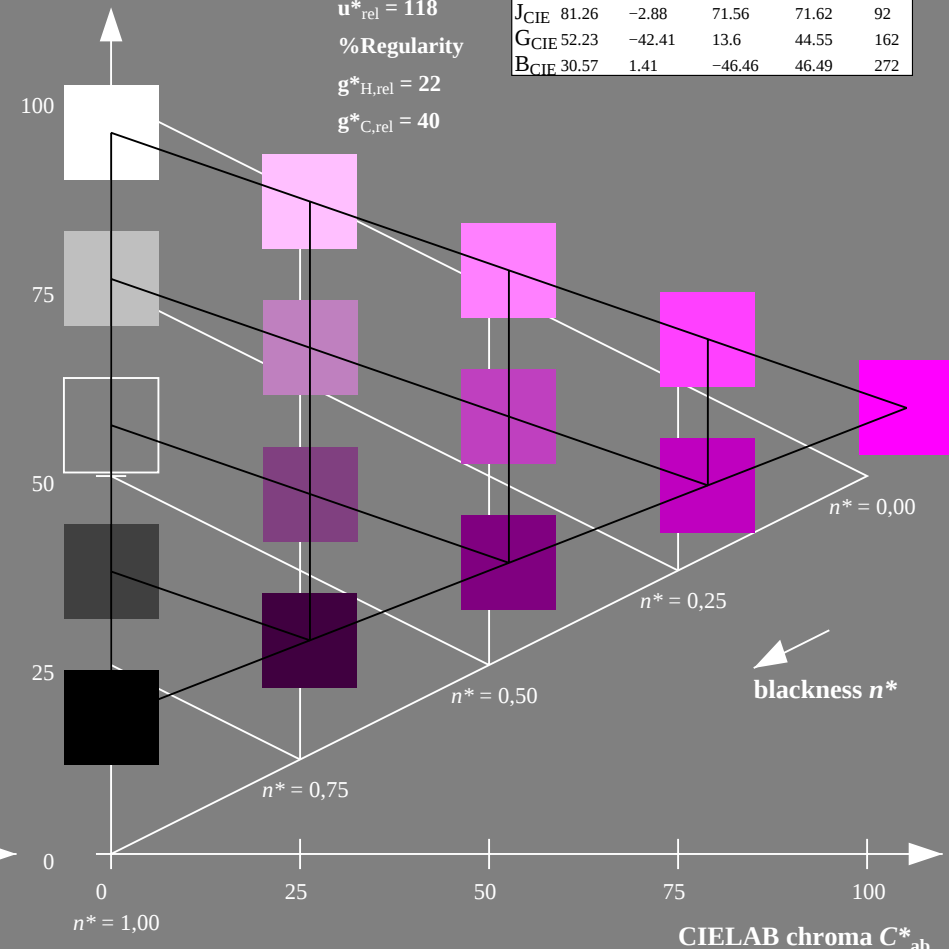
%Regularity

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
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	58.74	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



5 step scales for constant CIELAB hue 328/360 = 0.911 (right)

BAM-test chart NE29; Colorimetric systems ORS18 & ORS18

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

input: $olv^* setrgbcolor$

output: *Startup (S) data dependend*

Input: Colorimetric Television Luminous System TLS18

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

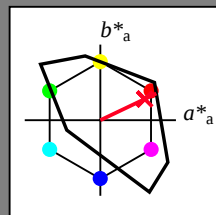
$lab \cdot tch$ and $lab \cdot nch$

D65: hue R

LCH*Ma: 54 82 25

olv*Ma: 1.0 0.0 0.14

triangle lightness t^*



%Gamut

$u^*_{rel} = 118$

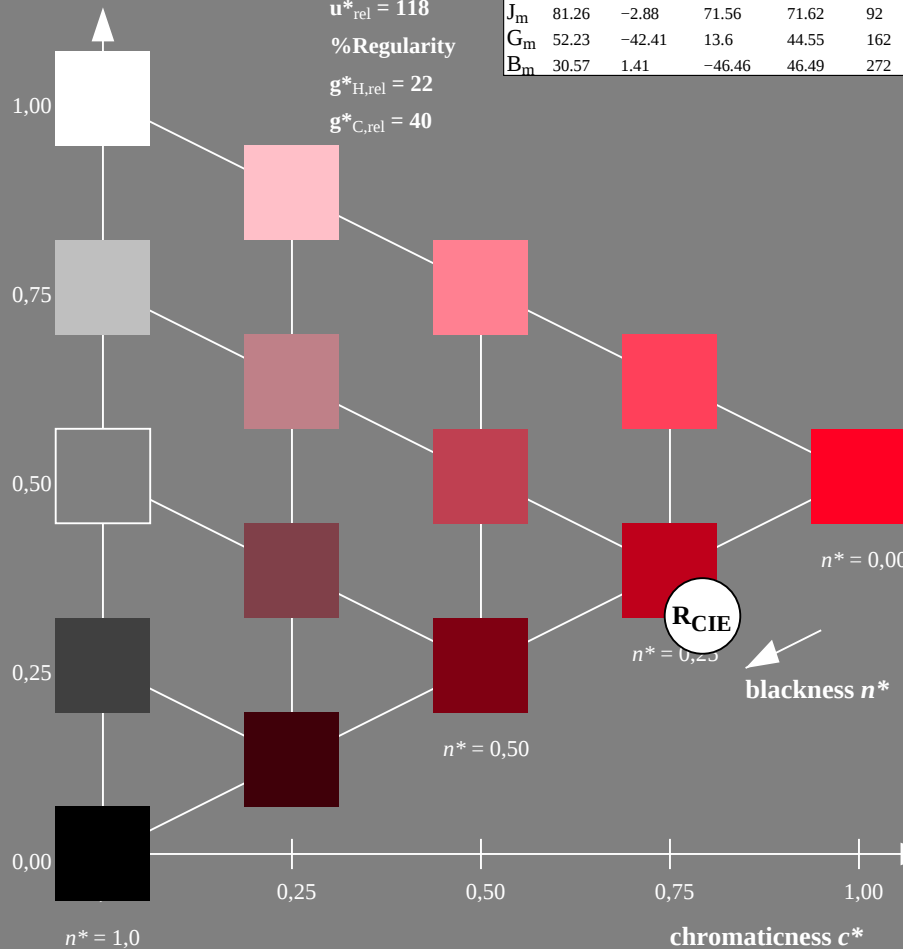
%Regularity

$g^*_{H,rel} = 22$

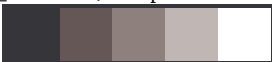
$g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _m	52.76	71.63	49.88	87.29	35
Y _m	92.74	-20.02	84.97	87.3	103
L _m	84.0	-78.98	73.94	108.2	137
C _m	87.14	-44.41	-13.11	46.32	196
V _m	35.47	64.92	-95.06	115.12	304
M _m	59.01	89.33	-55.67	105.26	328
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	58.74	27.99	65.07	25
J _m	81.26	-2.88	71.56	71.62	92
G _m	52.23	-42.41	13.6	44.55	162
B _m	30.57	1.41	-46.46	46.49	272



NE290-7, 5 step scales for constant CIELAB hue 25/360 = 0.071 (left)



Output: Colorimetric Television Luminous System TLS18

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

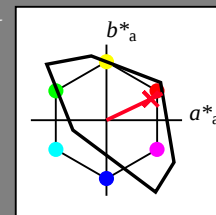
$LAB \cdot LCH$, $LAB \cdot NCH$

D65: hue R

LCH*Ma: 54 82 25

olv*Ma: 1.0 0.0 0.14

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 118$

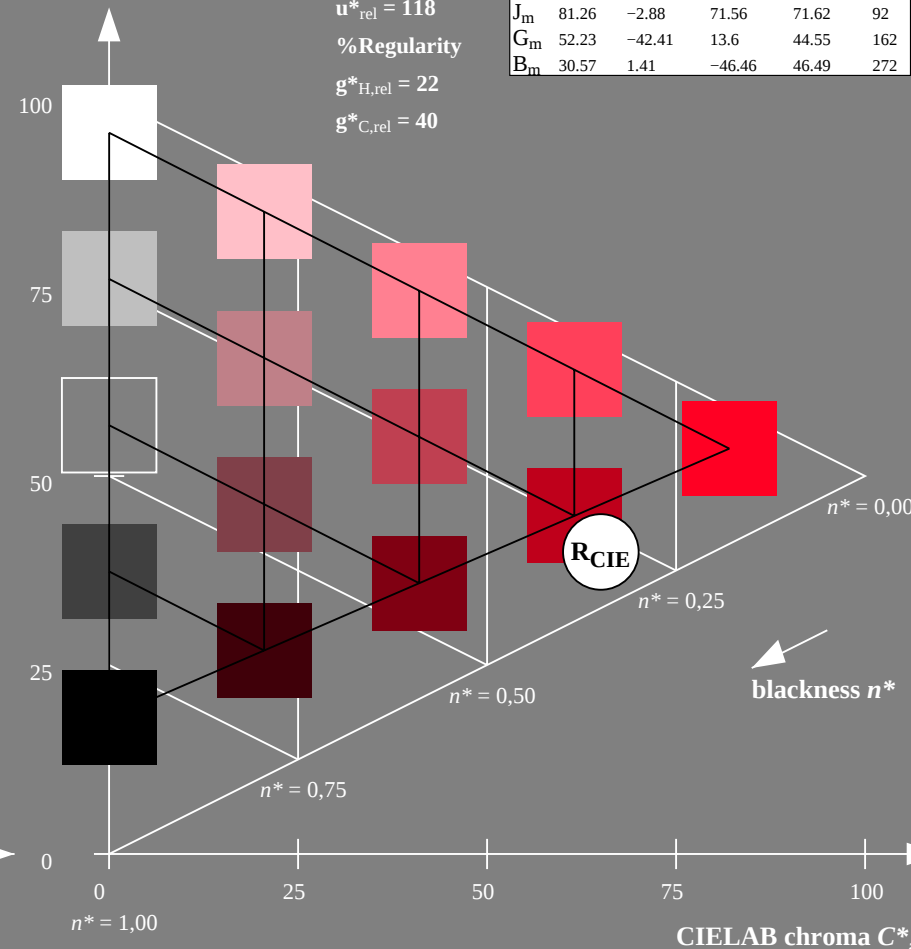
%Regularity

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _m	52.76	71.63	49.88	87.29	35
Y _m	92.74	-20.02	84.97	87.3	103
L _m	84.0	-78.98	73.94	108.2	137
C _m	87.14	-44.41	-13.11	46.32	196
V _m	35.47	64.92	-95.06	115.12	304
M _m	59.01	89.33	-55.67	105.26	328
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	58.74	27.99	65.07	25
J _m	81.26	-2.88	71.56	71.62	92
G _m	52.23	-42.41	13.6	44.55	162
B _m	30.57	1.41	-46.46	46.49	272



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

input: $olv^* setrgbcolor$

output: Startup (S) data dependend



BAM-test chart NE29; Colorimetric systems ORS18 & ORS18

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

Input: Colorimetric Television Luminous System TLS18

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

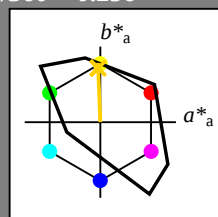
$lab \cdot tch$ and $lab \cdot nch$

D65: hue J

LCH*Ma: 85 79 92

olv*Ma: 1.0 0.82 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 118$

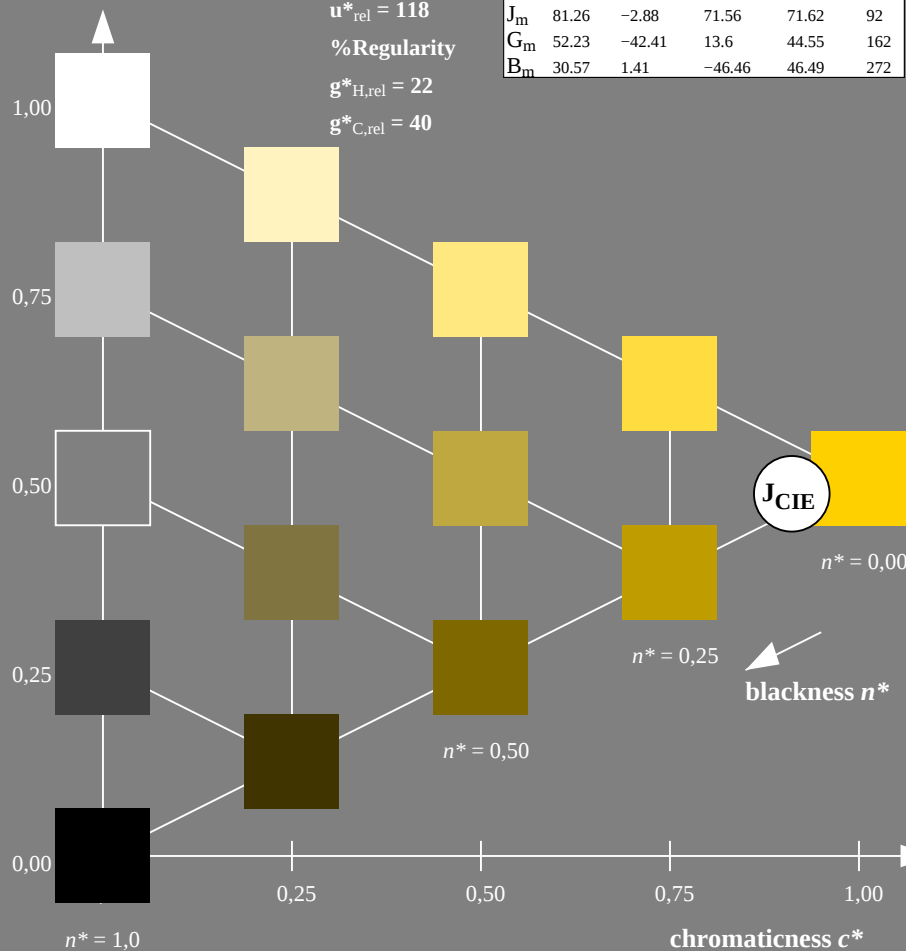
%Regularity

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
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	58.74	27.99	65.07	25
J_m	81.26	-2.88	71.56	71.62	92
G_m	52.23	-42.41	13.6	44.55	162
B_m	30.57	1.41	-46.46	46.49	272



NE290-7, 5 step scales for constant CIELAB hue 92/360 = 0.256 (left)

Output: Colorimetric Television Luminous System TLS18

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

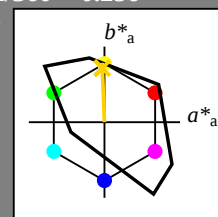
$LAB \cdot LCH$, $LAB \cdot NCH$

D65: hue J

LCH*Ma: 85 79 92

olv*Ma: 1.0 0.82 0.0

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 118$

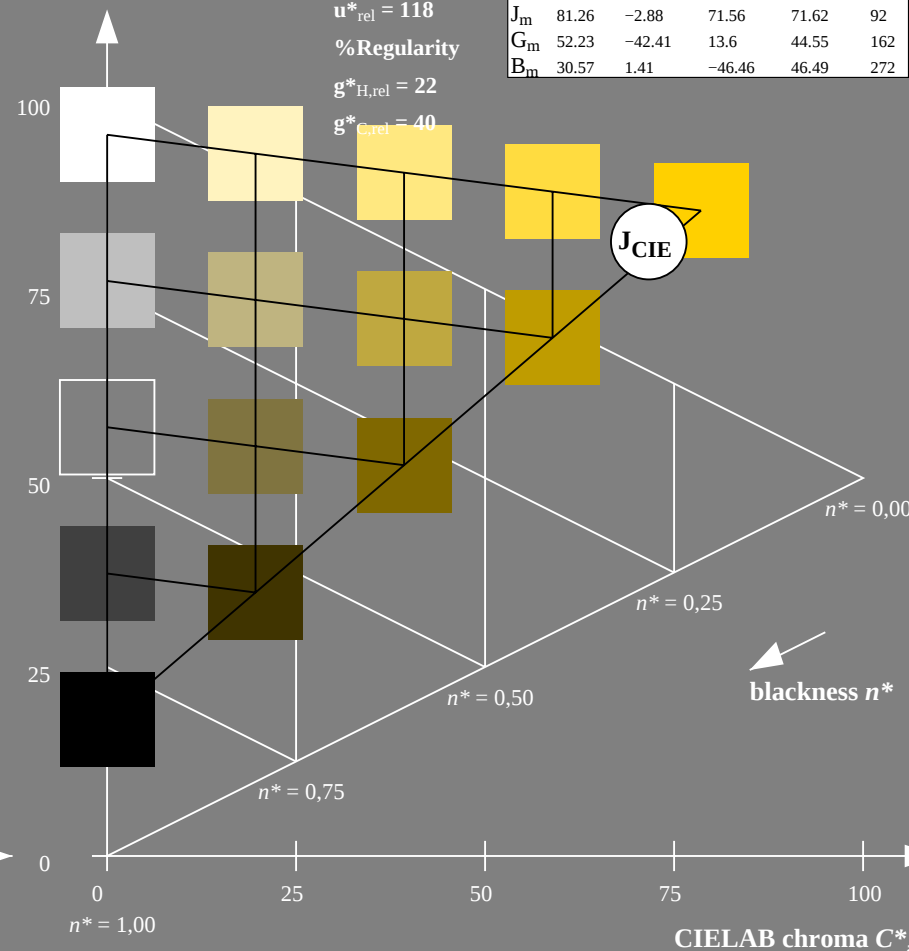
%Regularity

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
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	58.74	27.99	65.07	25
J_m	81.26	-2.88	71.56	71.62	92
G_m	52.23	-42.41	13.6	44.55	162
B_m	30.57	1.41	-46.46	46.49	272



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

BAM-test chart NE29; Colorimetric systems ORS18 & ORS18

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

input: $olv^* setrgbcolor$

output: Startup (S) data dependend

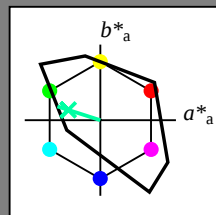
Input: Colorimetric Television Luminous System TLS18

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

D65: hue G

LCH*Ma: 86 60 162

olv*Ma: 0.0 1.0 0.64

triangle lightness t^* 

%Gamut

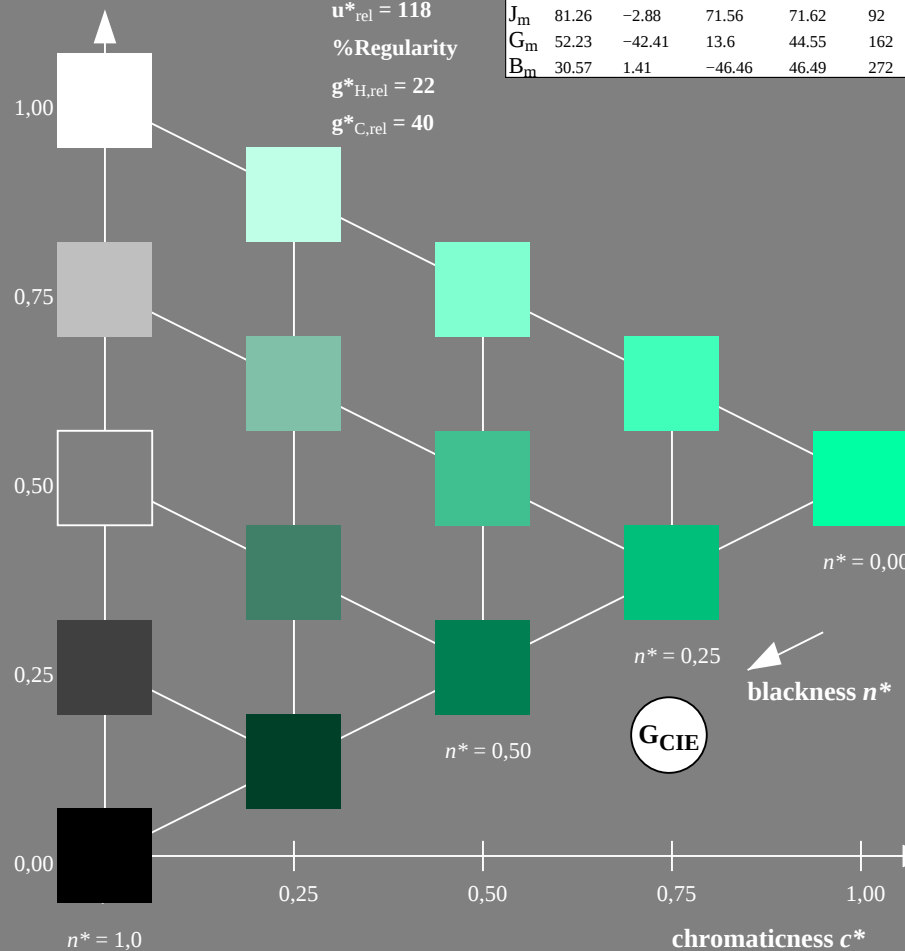
 $u^*_{rel} = 118$

%Regularity

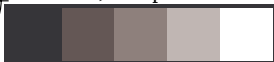
 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
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	58.74	27.99	65.07	25
J_m	81.26	-2.88	71.56	71.62	92
G_m	52.23	-42.41	13.6	44.55	162
B_m	30.57	1.41	-46.46	46.49	272



NE290-7, 5 step scales for constant CIE hue 162/360 = 0.451 (left)



BAM-test chart NE29; Colorimetric systems ORS18 & ORS18

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

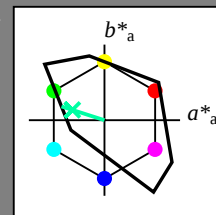
Output: Colorimetric Television Luminous System TLS18

for hue $h^* = lab \cdot h = 162/360 = 0.451$ $LAB \cdot LCH$, $LAB \cdot NCH$

D65: hue G

LCH*Ma: 86 60 162

olv*Ma: 0.0 1.0 0.64

CIE LAB lightness L^* 

%Gamut

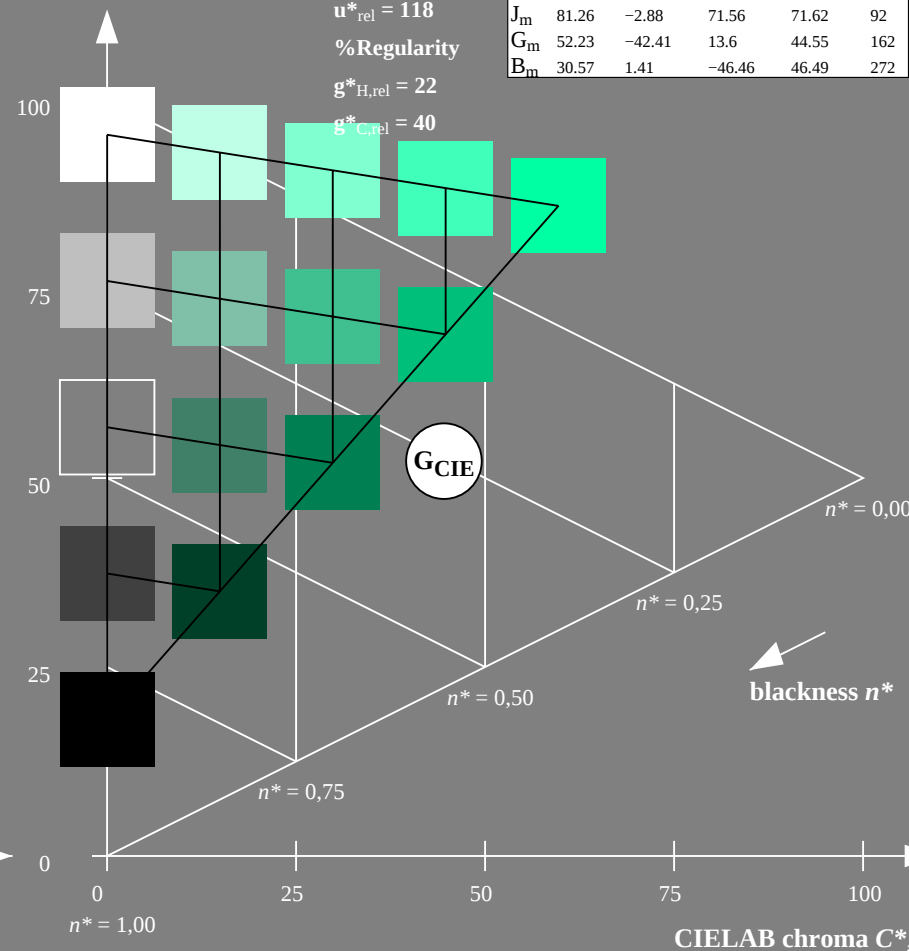
 $u^*_{rel} = 118$

%Regularity

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

TLS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	-20.02	84.97	87.3	103
L_m	84.0	-78.98	73.94	108.2	137
C_m	87.14	-44.41	-13.11	46.32	196
V_m	35.47	64.92	-95.06	115.12	304
M_m	59.01	89.33	-55.67	105.26	328
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	58.74	27.99	65.07	25
J_m	81.26	-2.88	71.56	71.62	92
G_m	52.23	-42.41	13.6	44.55	162
B_m	30.57	1.41	-46.46	46.49	272



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

input: olv* setrgbcolor

output: Startup (S) data dependend



