

Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

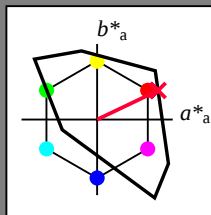
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = r00j$ $d^* = m79o$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 81 38

$LAB^*LCH^*_{Ma}$: 52 89 25

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.0

$lab^*olv^*_{Ma}$: 1.0 0.0 0.2

triangle lightness t^*

% Gamut

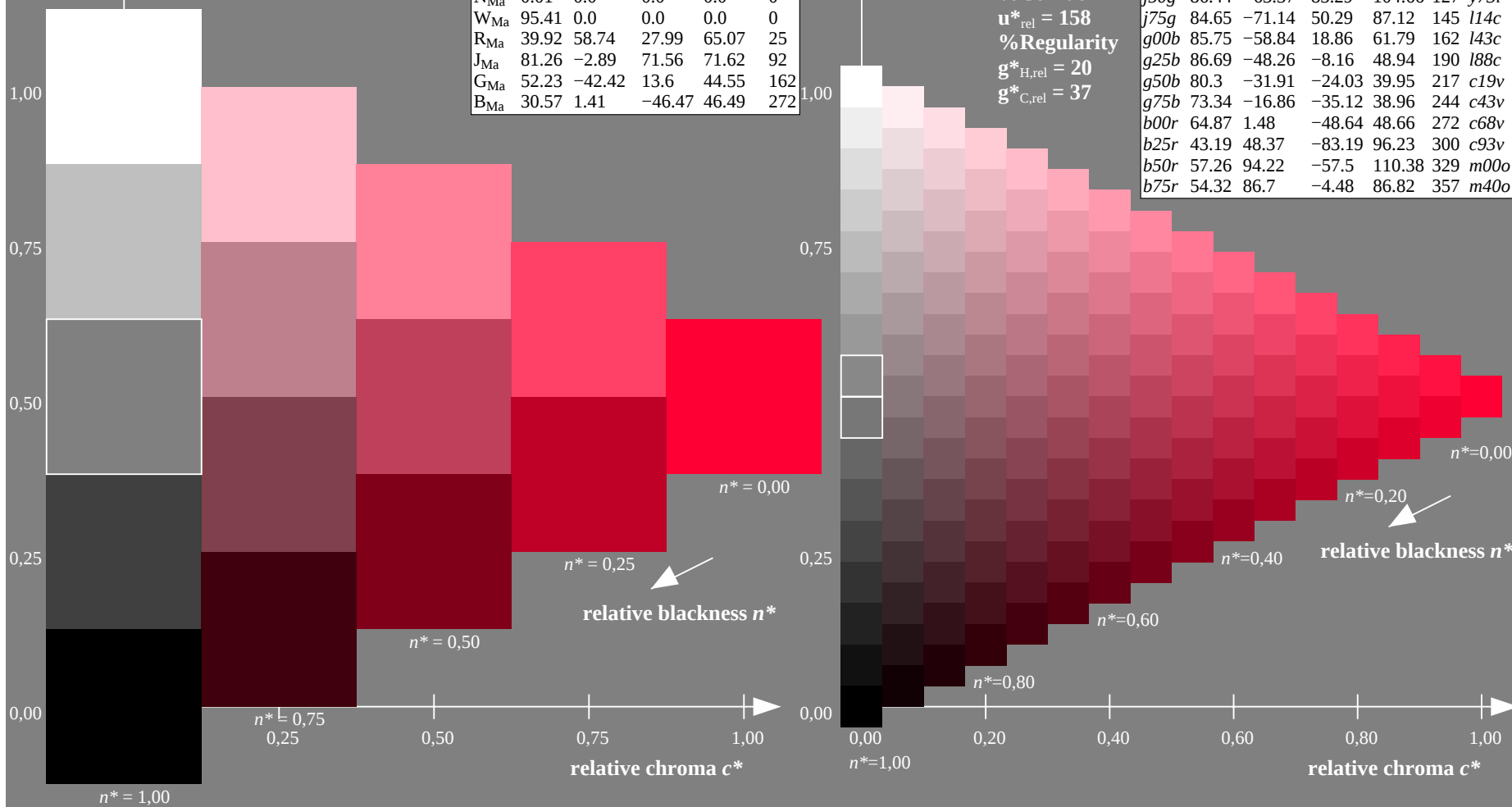
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data					
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	51.95	80.62	38.41	89.3	25
r25j	52.4	72.52	65.73	97.88	42
r50j	64.61	44.24	73.32	85.63	59
r75j	74.89	20.46	79.71	82.29	76
j00g	85.23	-3.48	86.13	86.2	92
j25g	91.02	-31.95	88.78	94.35	110
j50g	86.44	-63.37	83.29	104.66	127
j75g	84.65	-71.14	50.29	87.12	145
g00b	85.75	-58.84	18.86	61.79	162
g25b	86.69	-48.26	-8.16	48.94	190
g50b	80.3	-31.91	-24.03	39.95	217
g75b	73.34	-16.86	-35.12	38.96	244
b00r	64.87	1.48	-48.64	48.66	272
b25r	43.19	48.37	-83.19	96.23	300
b50r	57.26	94.22	-57.5	110.38	329
b75r	54.32	86.7	-4.48	86.82	357



Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$

data for any colour:

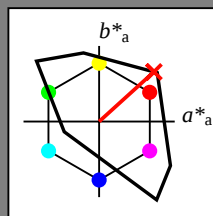
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = r25j$ $d^* = o03y$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 73 66

$LAB^*LCH^*_{Ma}$: 52 98 42

$lab^*rgb^*_{Ma}$: 1.0 0.25 0.0

$lab^*olv^*_{Ma}$: 1.0 0.03 0.0

triangle lightness t^*

% Gamut

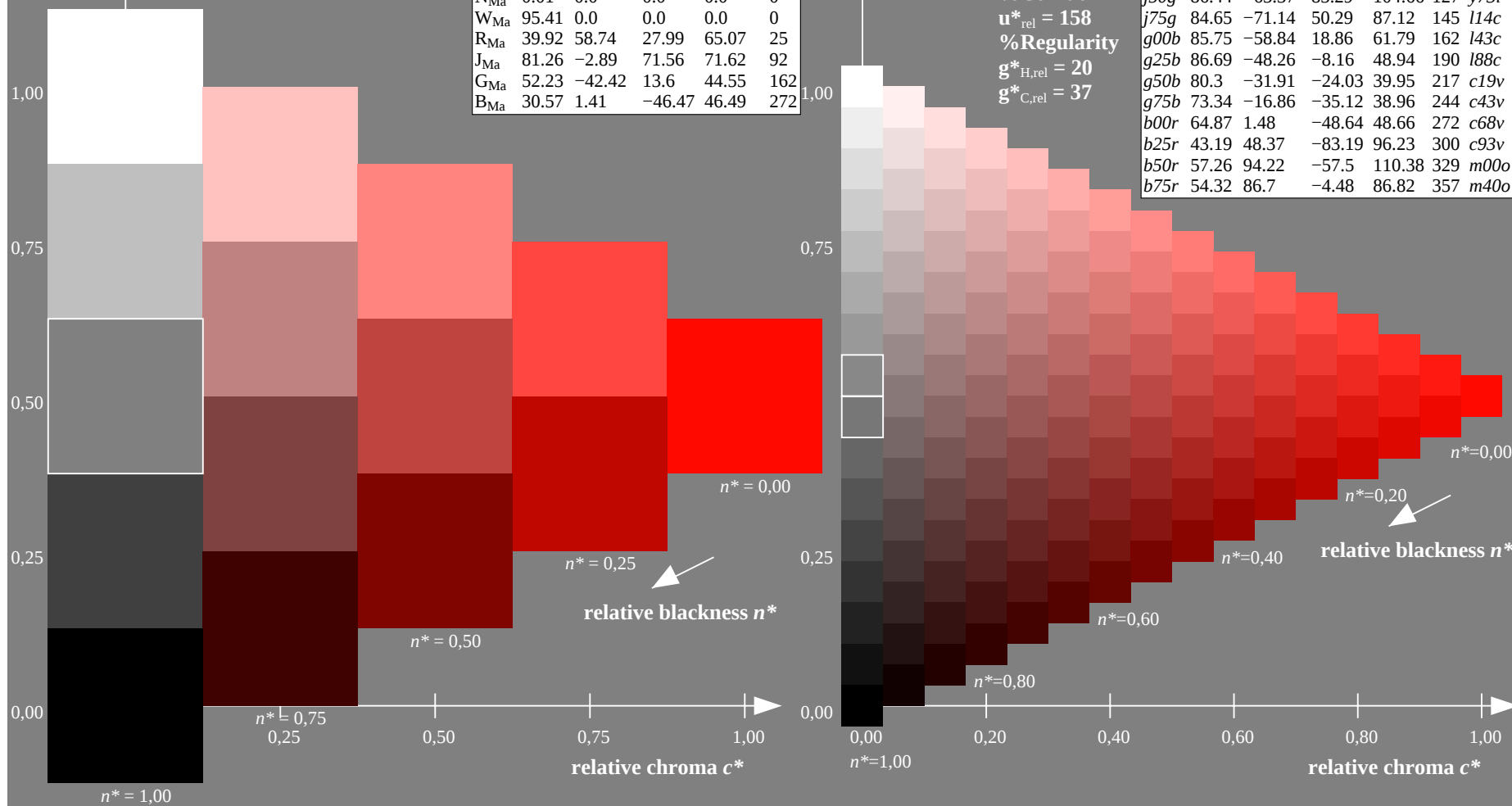
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data							
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	d^*	
r00j	51.95	80.62	38.41	89.3	25	m79o	
r25j	52.4	72.52	65.73	97.88	42	o03y	
r50j	64.61	44.24	73.32	85.63	59	o30y	
r75j	74.89	20.46	79.71	82.29	76	o56y	
j00g	85.23	-3.48	86.13	86.2	92	o82y	
j25g	91.02	-31.95	88.78	94.35	110	y21l	
j50g	86.44	-63.37	83.29	104.66	127	y73l	
j75g	84.65	-71.14	50.29	87.12	145	l14c	
g00b	85.75	-58.84	18.86	61.79	162	l43c	
g25b	86.69	-48.26	-8.16	48.94	190	l88c	
g50b	80.3	-31.91	-24.03	39.95	217	c19v	
g75b	73.34	-16.86	-35.12	38.96	244	c43v	
b00r	64.87	1.48	-48.64	48.66	272	c68v	
b25r	43.19	48.37	-83.19	96.23	300	c93v	
b50r	57.26	94.22	-57.5	110.38	329	m00o	
b75r	54.32	86.7	-4.48	86.82	357	m40o	



Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$

data for any colour:

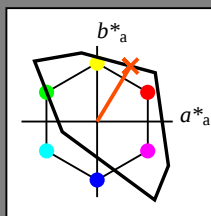
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = r50j$ $d^* = o30y$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 65 44 73

$LAB^*LCH^*_{Ma}$: 65 86 58

$lab^*rgb^*_{Ma}$: 1.0 0.5 0.0

$lab^*olv^*_{Ma}$: 1.0 0.3 0.0

triangle lightness t^*

% Gamut

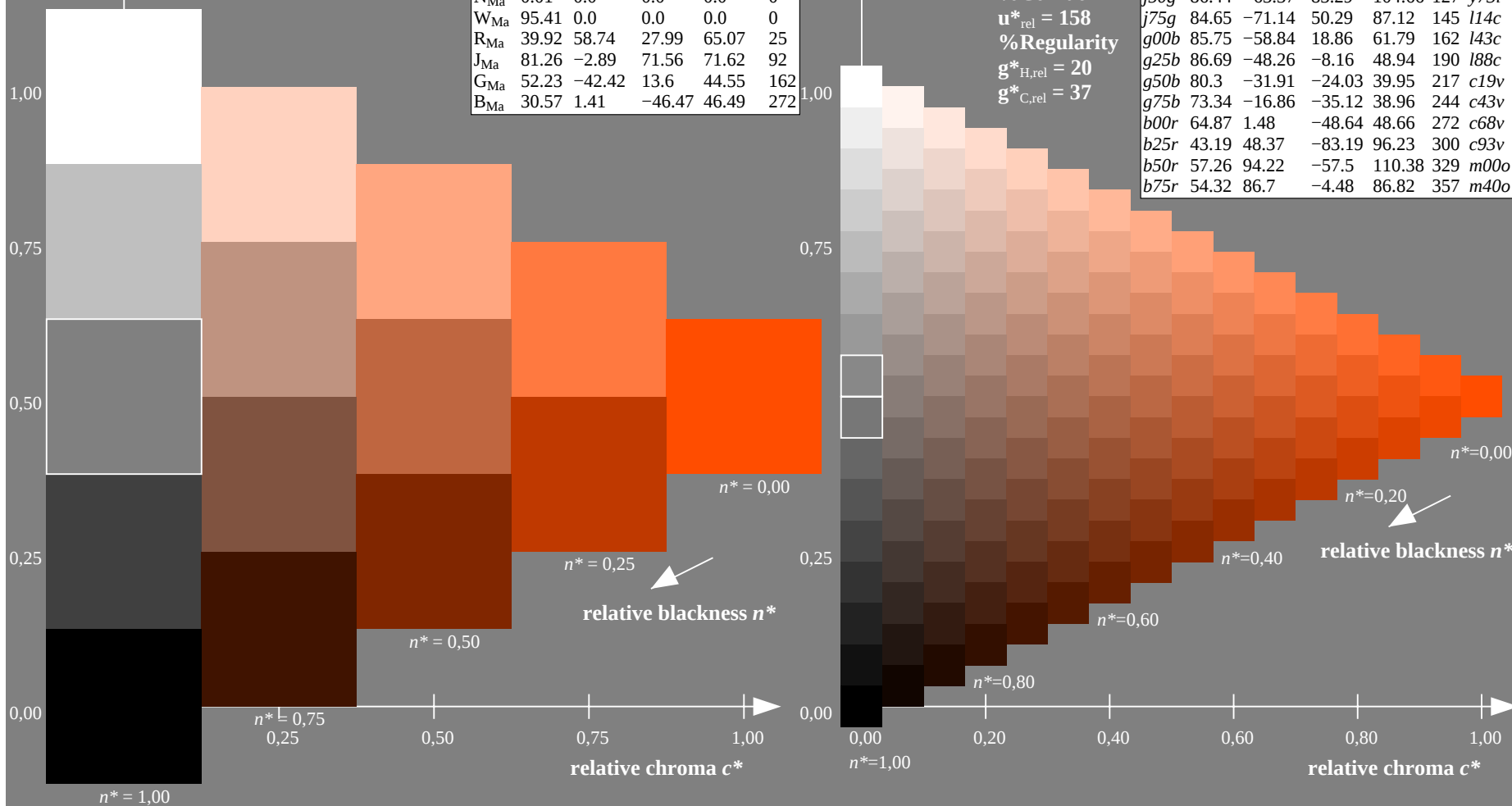
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data					
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	51.95	80.62	38.41	89.3	25
r25j	52.4	72.52	65.73	97.88	42
r50j	64.61	44.24	73.32	85.63	59
r75j	74.89	20.46	79.71	82.29	76
j00g	85.23	-3.48	86.13	86.2	92
j25g	91.02	-31.95	88.78	94.35	110
j50g	86.44	-63.37	83.29	104.66	127
j75g	84.65	-71.14	50.29	87.12	145
g00b	85.75	-58.84	18.86	61.79	162
g25b	86.69	-48.26	-8.16	48.94	190
g50b	80.3	-31.91	-24.03	39.95	217
g75b	73.34	-16.86	-35.12	38.96	244
b00r	64.87	1.48	-48.64	48.66	272
b25r	43.19	48.37	-83.19	96.23	300
b50r	57.26	94.22	-57.5	110.38	329
b75r	54.32	86.7	-4.48	86.82	357



Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$

data for any colour:

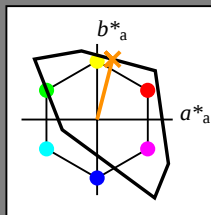
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = r75j$ $d^* = o56y$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 20 80

$LAB^*LCH^*_{Ma}$: 75 82 75

$lab^*rgb^*_{Ma}$: 1.0 0.75 0.0

$lab^*olv^*_{Ma}$: 1.0 0.57 0.0

triangle lightness t^*

% Gamut

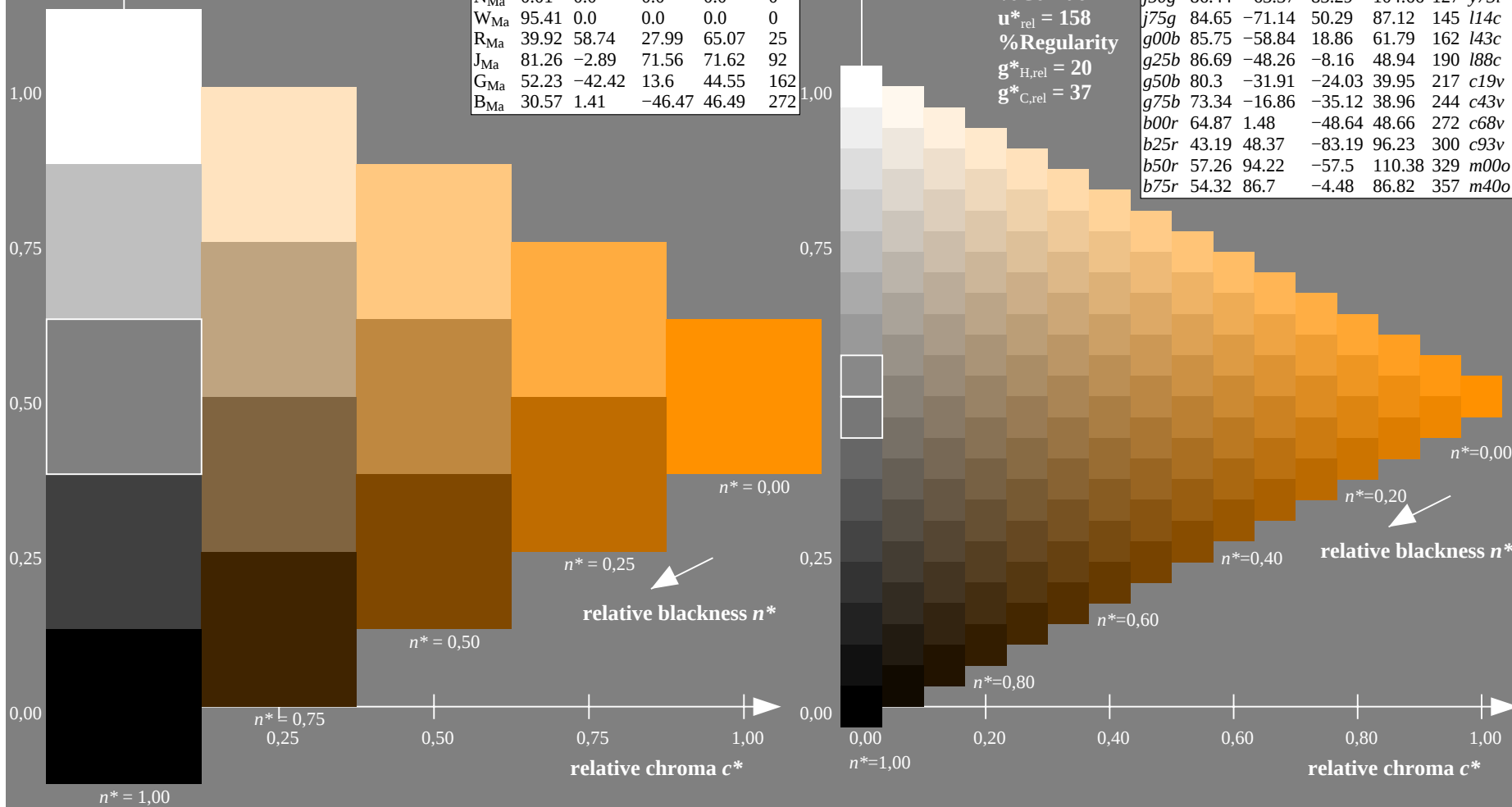
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data							
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	d^*	
r00j	51.95	80.62	38.41	89.3	25	m79o	
r25j	52.4	72.52	65.73	97.88	42	o03y	
r50j	64.61	44.24	73.32	85.63	59	o30y	
r75j	74.89	20.46	79.71	82.29	76	o56y	
j00g	85.23	-3.48	86.13	86.2	92	o82y	
j25g	91.02	-31.95	88.78	94.35	110	y21l	
j50g	86.44	-63.37	83.29	104.66	127	y73l	
j75g	84.65	-71.14	50.29	87.12	145	l14c	
g00b	85.75	-58.84	18.86	61.79	162	l43c	
g25b	86.69	-48.26	-8.16	48.94	190	l88c	
g50b	80.3	-31.91	-24.03	39.95	217	c19v	
g75b	73.34	-16.86	-35.12	38.96	244	c43v	
b00r	64.87	1.48	-48.64	48.66	272	c68v	
b25r	43.19	48.37	-83.19	96.23	300	c93v	
b50r	57.26	94.22	-57.5	110.38	329	m00o	
b75r	54.32	86.7	-4.48	86.82	357	m40o	



Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$

data for any colour:

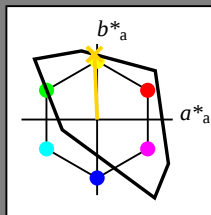
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = j00g$ $d^* = o82y$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 85 -3 86

$LAB^*LCH^*_{Ma}$: 85 86 92

$lab^*rgb^*_{Ma}$: 1.0 1.0 0.0

$lab^*olv^*_{Ma}$: 1.0 0.83 0.0

triangle lightness t^*

% Gamut

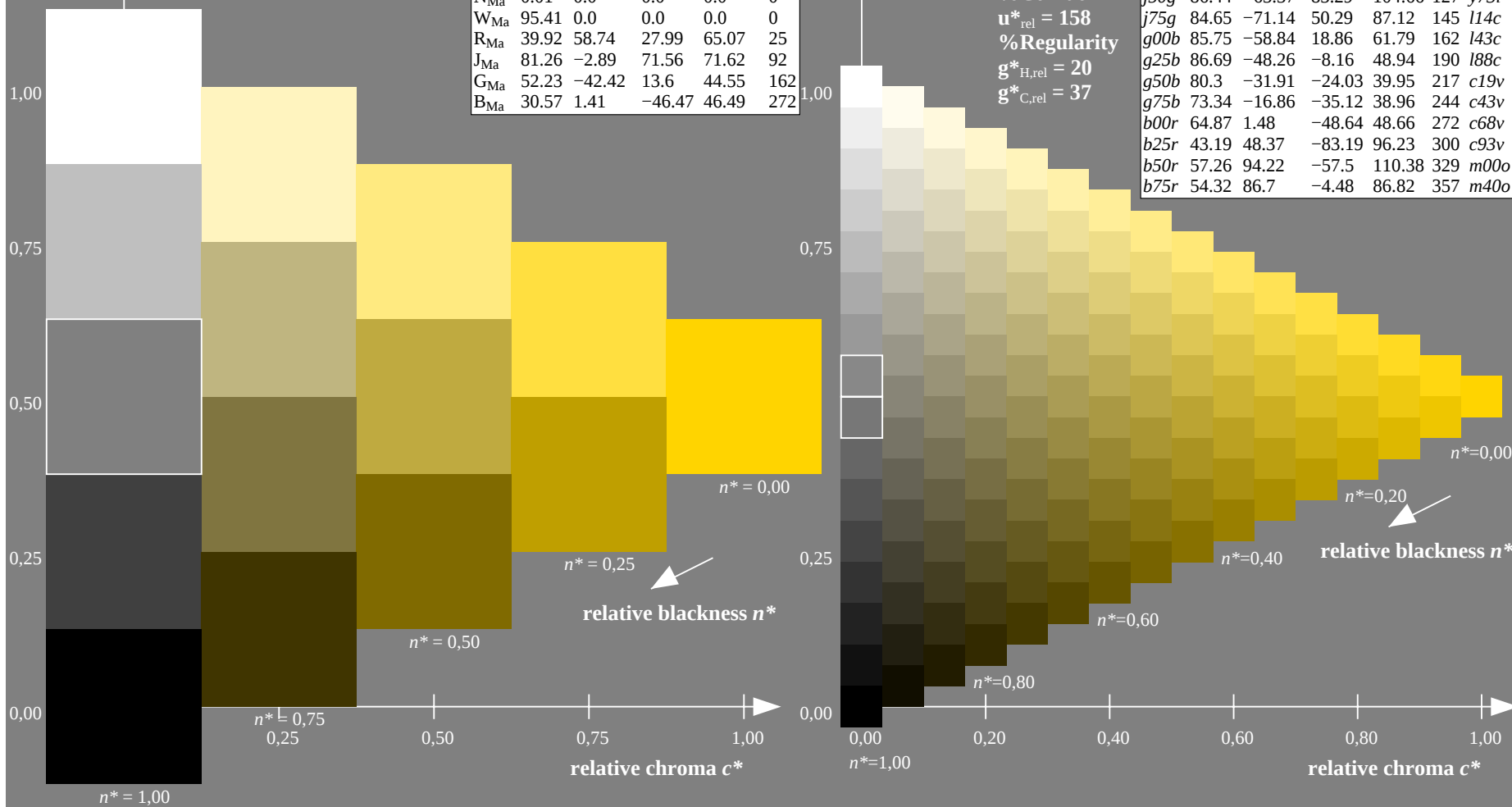
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data					
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	51.95	80.62	38.41	89.3	25
r25j	52.4	72.52	65.73	97.88	42
r50j	64.61	44.24	73.32	85.63	59
r75j	74.89	20.46	79.71	82.29	76
j00g	85.23	-3.48	86.13	86.2	92
j25g	91.02	-31.95	88.78	94.35	110
j50g	86.44	-63.37	83.29	104.66	127
j75g	84.65	-71.14	50.29	87.12	145
g00b	85.75	-58.84	18.86	61.79	162
g25b	86.69	-48.26	-8.16	48.94	190
g50b	80.3	-31.91	-24.03	39.95	217
g75b	73.34	-16.86	-35.12	38.96	244
b00r	64.87	1.48	-48.64	48.66	272
b25r	43.19	48.37	-83.19	96.23	300
b50r	57.26	94.22	-57.5	110.38	329
b75r	54.32	86.7	-4.48	86.82	357



Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

data for any colour:

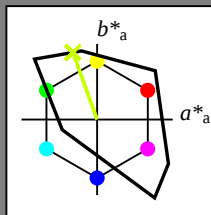
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = j25g$ $d^* = y21l$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 91 -32 89

$LAB^*LCH^*_{Ma}$: 91 94 109

$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0

$lab^*olv^*_{Ma}$: 0.79 1.0 0.0

triangle lightness t^*

% Gamut

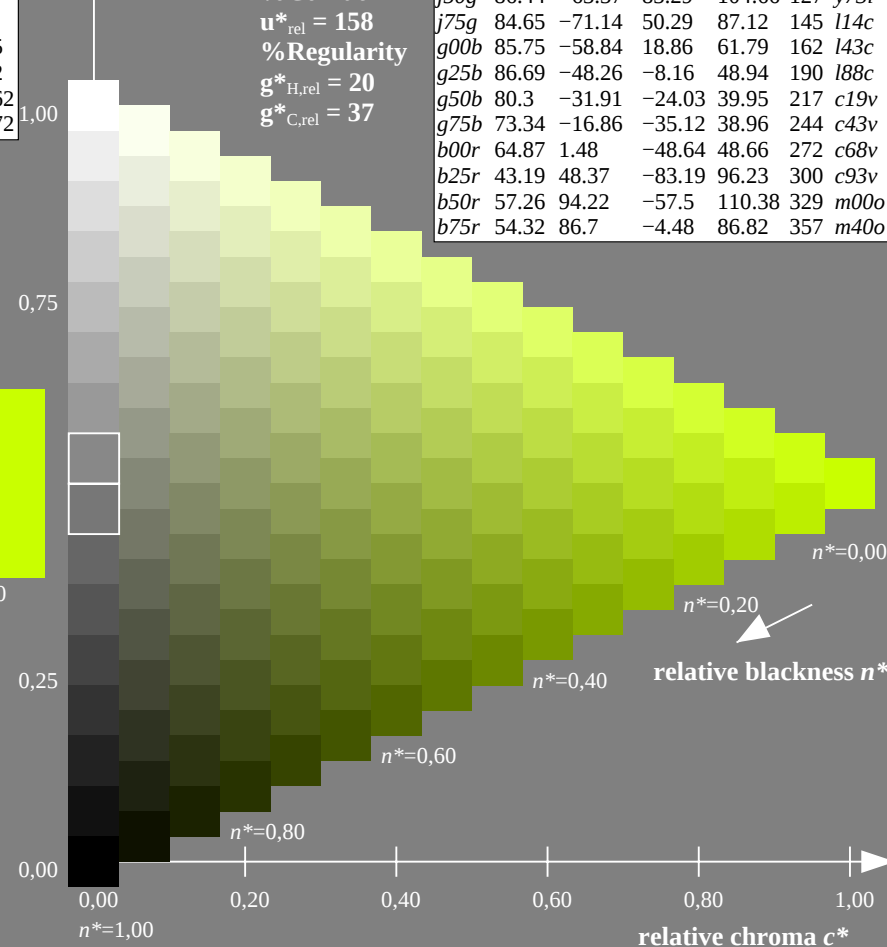
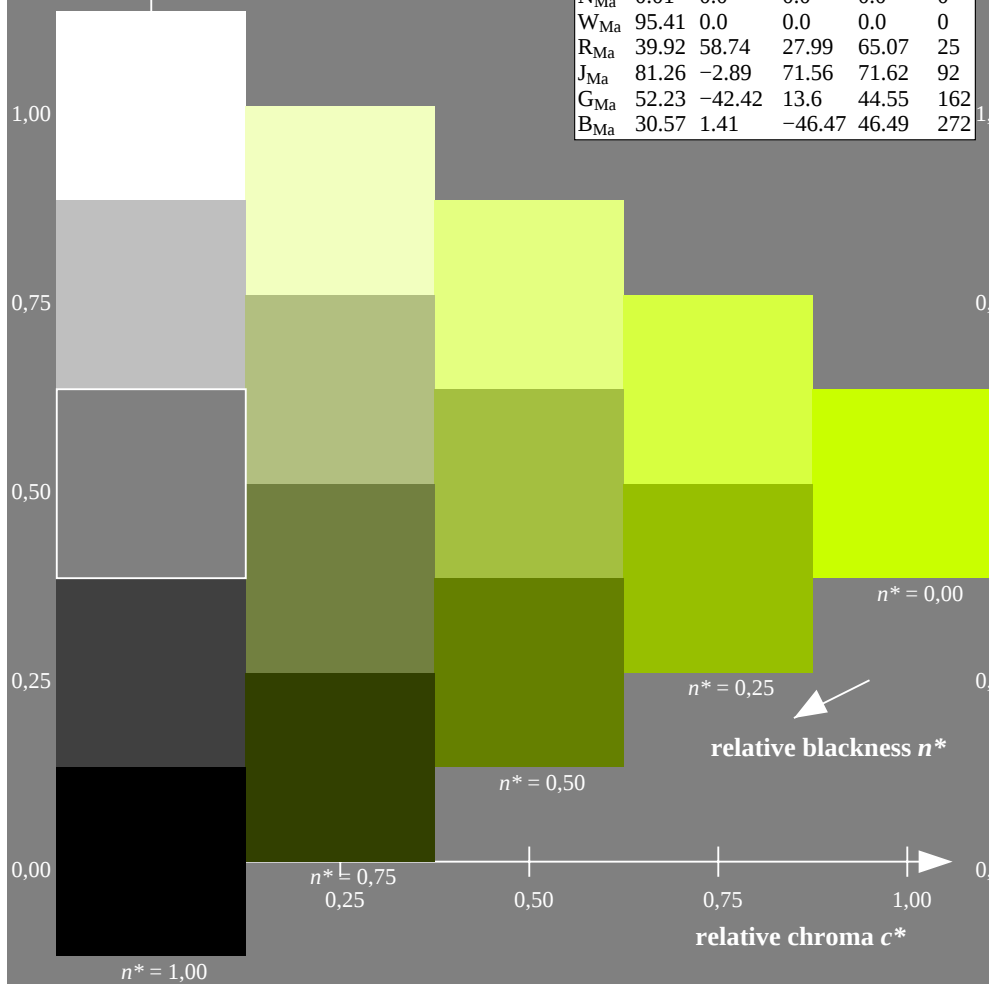
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data					
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	51.95	80.62	38.41	89.3	25
r25j	52.4	72.52	65.73	97.88	42
r50j	64.61	44.24	73.32	85.63	59
r75j	74.89	20.46	79.71	82.29	76
j00g	85.23	-3.48	86.13	86.2	92
j25g	91.02	-31.95	88.78	94.35	110
j50g	86.44	-63.37	83.29	104.66	127
j75g	84.65	-71.14	50.29	87.12	145
g00b	85.75	-58.84	18.86	61.79	162
g25b	86.69	-48.26	-8.16	48.94	190
g50b	80.3	-31.91	-24.03	39.95	217
g75b	73.34	-16.86	-35.12	38.96	244
b00r	64.87	1.48	-48.64	48.66	272
b25r	43.19	48.37	-83.19	96.23	300
b50r	57.26	94.22	-57.5	110.38	329
b75r	54.32	86.7	-4.48	86.82	357



Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

data for any colour:

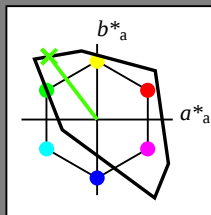
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = j50g$ $d^* = y73l$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 86 -63 83

$LAB^*LCH^*_{Ma}$: 86 105 127

$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0

$lab^*olv^*_{Ma}$: 0.26 1.0 0.0

triangle lightness t^*

% Gamut

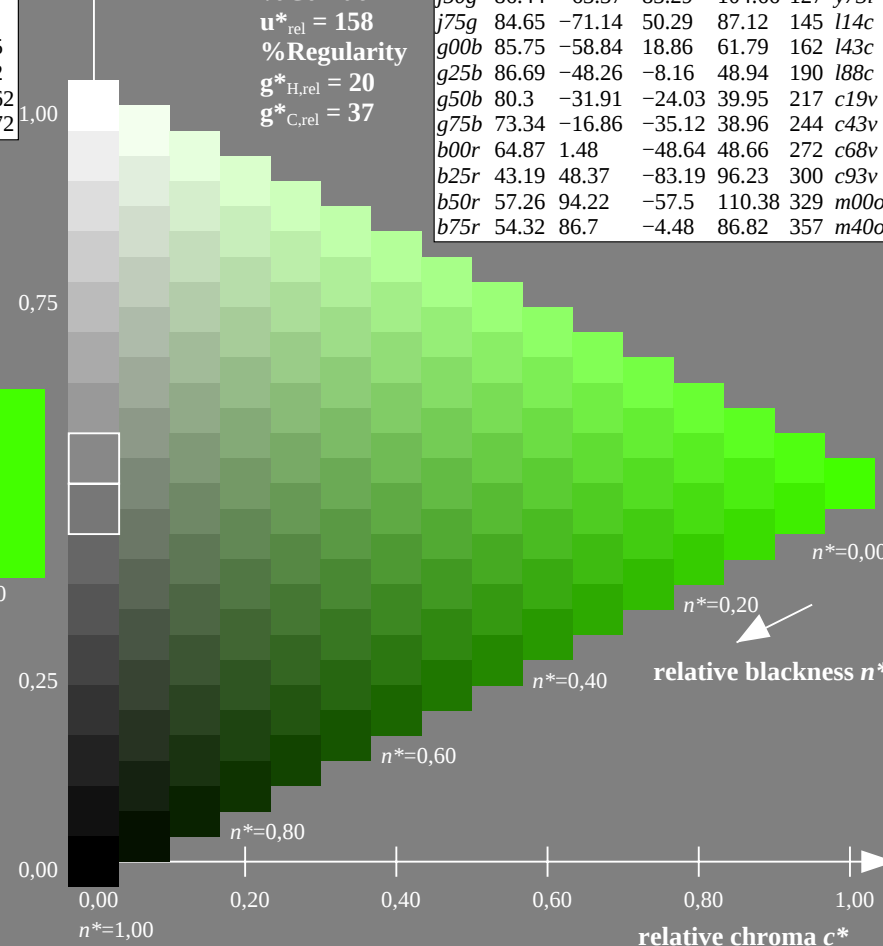
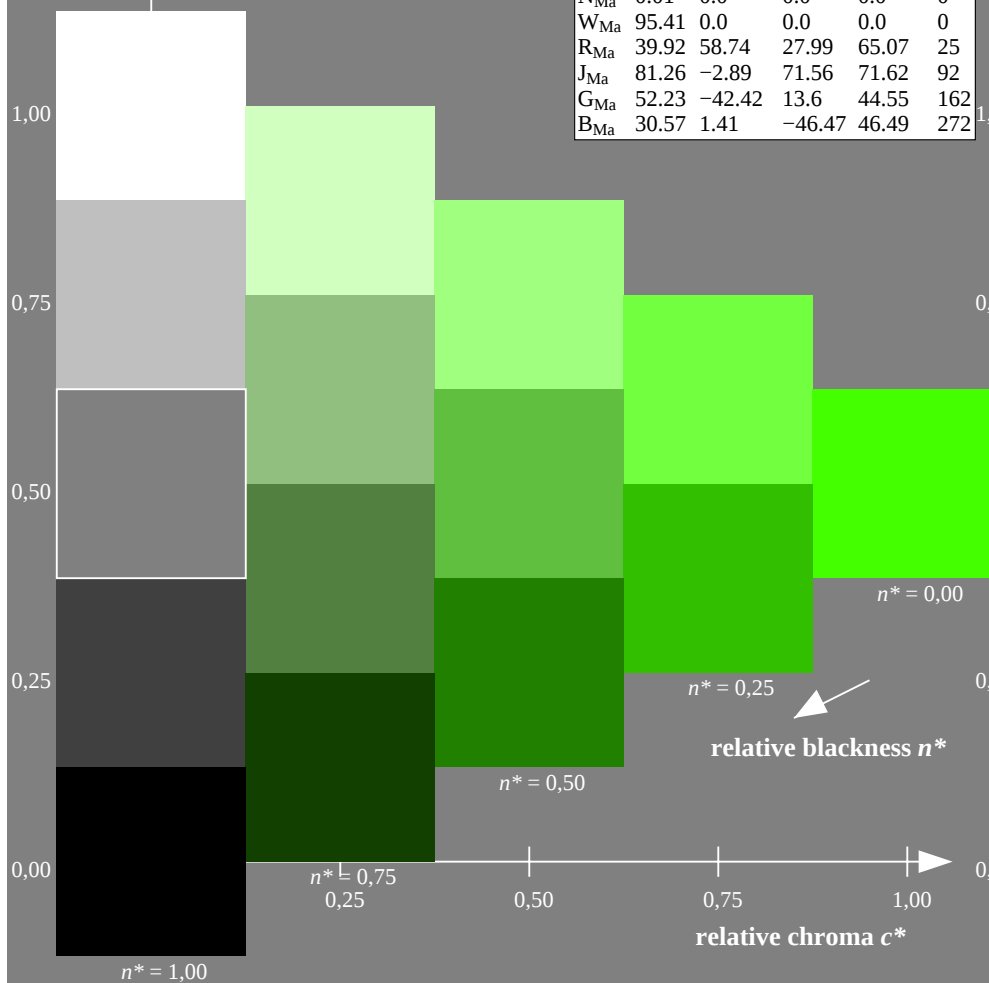
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data					
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	51.95	80.62	38.41	89.3	25
r25j	52.4	72.52	65.73	97.88	42
r50j	64.61	44.24	73.32	85.63	59
r75j	74.89	20.46	79.71	82.29	76
j00g	85.23	-3.48	86.13	86.2	92
j25g	91.02	-31.95	88.78	94.35	110
j50g	86.44	-63.37	83.29	104.66	127
j75g	84.65	-71.14	50.29	87.12	145
g00b	85.75	-58.84	18.86	61.79	162
g25b	86.69	-48.26	-8.16	48.94	190
g50b	80.3	-31.91	-24.03	39.95	217
g75b	73.34	-16.86	-35.12	38.96	244
b00r	64.87	1.48	-48.64	48.66	272
b25r	43.19	48.37	-83.19	96.23	300
b50r	57.26	94.22	-57.5	110.38	329
b75r	54.32	86.7	-4.48	86.82	357



Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

data for any colour:

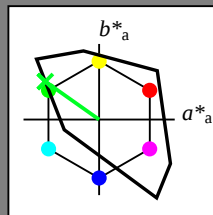
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = j75g$ $d^* = l14c$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 85 -71 50

$LAB^*LCH^*_{Ma}$: 85 87 144

$lab^*rgb^*_{Ma}$: 0.25 1.0 0.0

$lab^*olv^*_{Ma}$: 0.0 1.0 0.14

triangle lightness t^*

% Gamut

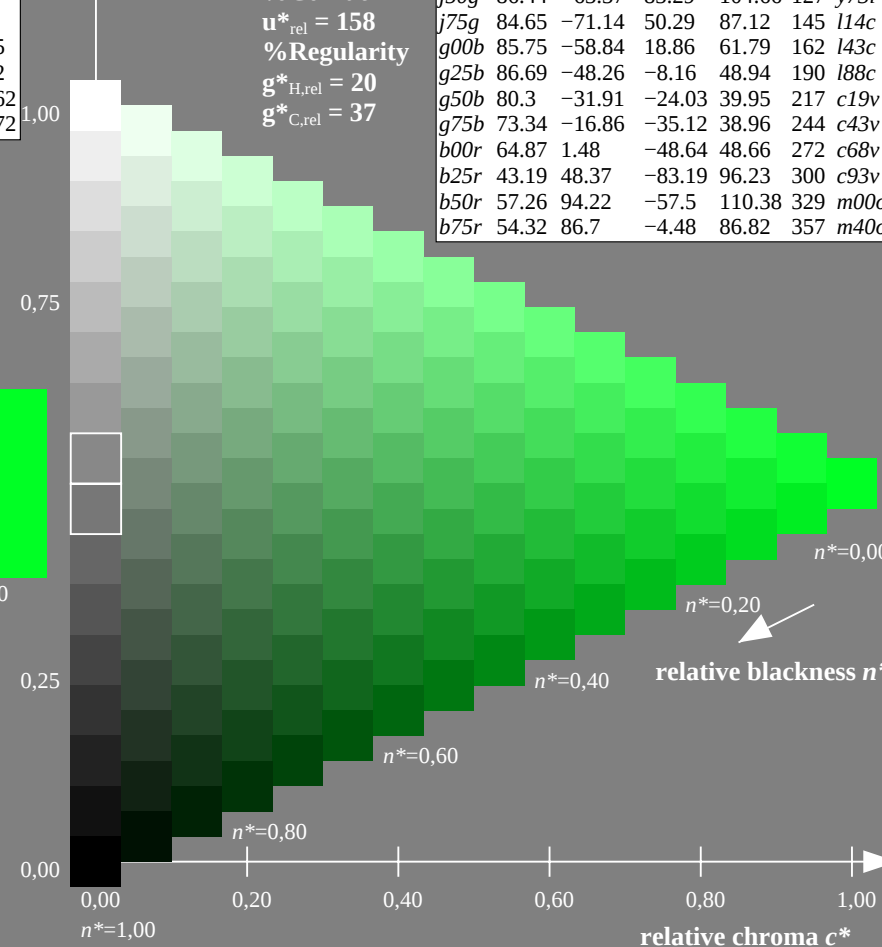
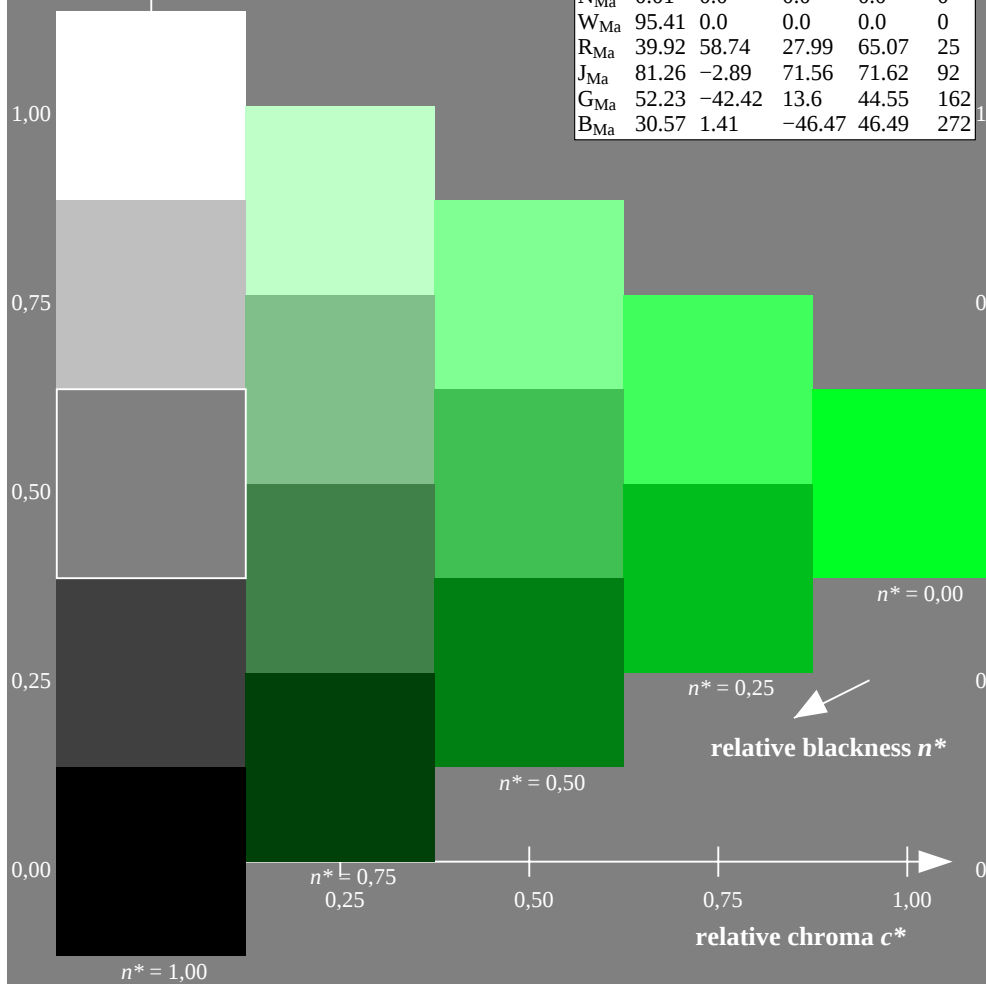
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data					
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	51.95	80.62	38.41	89.3	25
r25j	52.4	72.52	65.73	97.88	42
r50j	64.61	44.24	73.32	85.63	59
r75j	74.89	20.46	79.71	82.29	76
j00g	85.23	-3.48	86.13	86.2	92
j25g	91.02	-31.95	88.78	94.35	110
j50g	86.44	-63.37	83.29	104.66	127
j75g	84.65	-71.14	50.29	87.12	145
g00b	85.75	-58.84	18.86	61.79	162
g25b	86.69	-48.26	-8.16	48.94	190
g50b	80.3	-31.91	-24.03	39.95	217
g75b	73.34	-16.86	-35.12	38.96	244
b00r	64.87	1.48	-48.64	48.66	272
b25r	43.19	48.37	-83.19	96.23	300
b50r	57.26	94.22	-57.5	110.38	329
b75r	54.32	86.7	-4.48	86.82	357



Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:

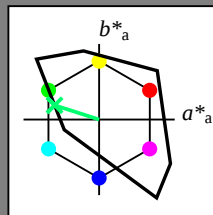
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = g00b$ $d^* = l43c$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 86 -59 19

$LAB^*LCH^*_{Ma}$: 86 62 162

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0

$lab^*olv^*_{Ma}$: 0.0 1.0 0.43

triangle lightness t^*

% Gamut

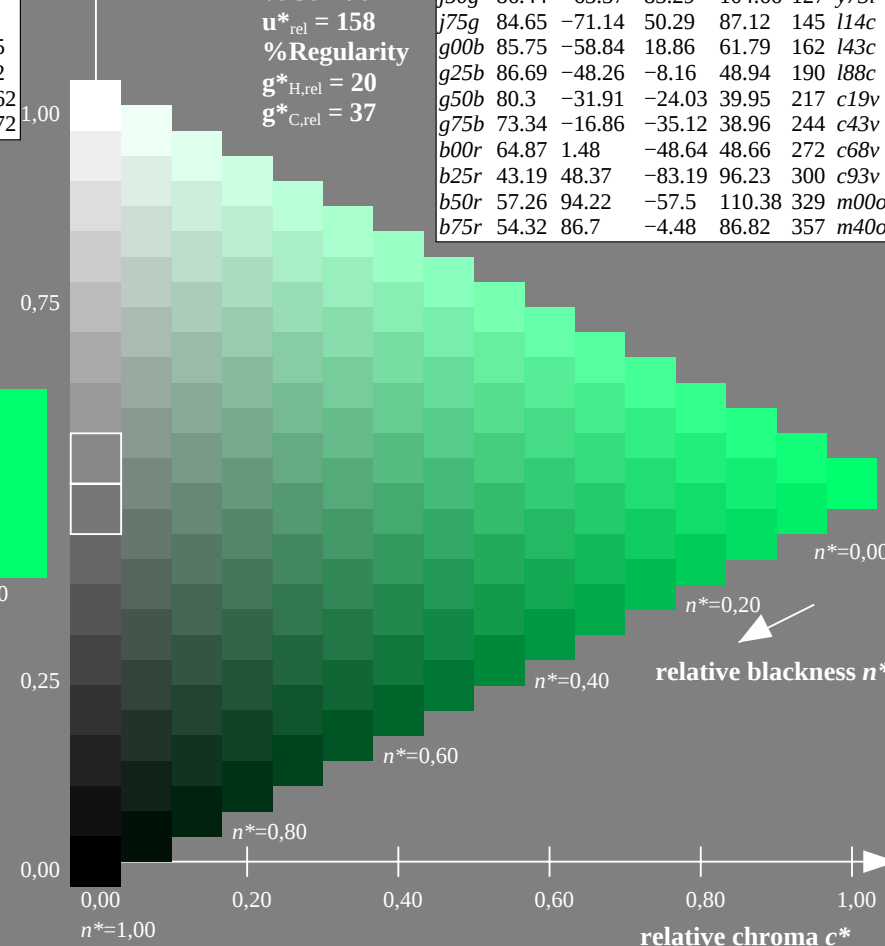
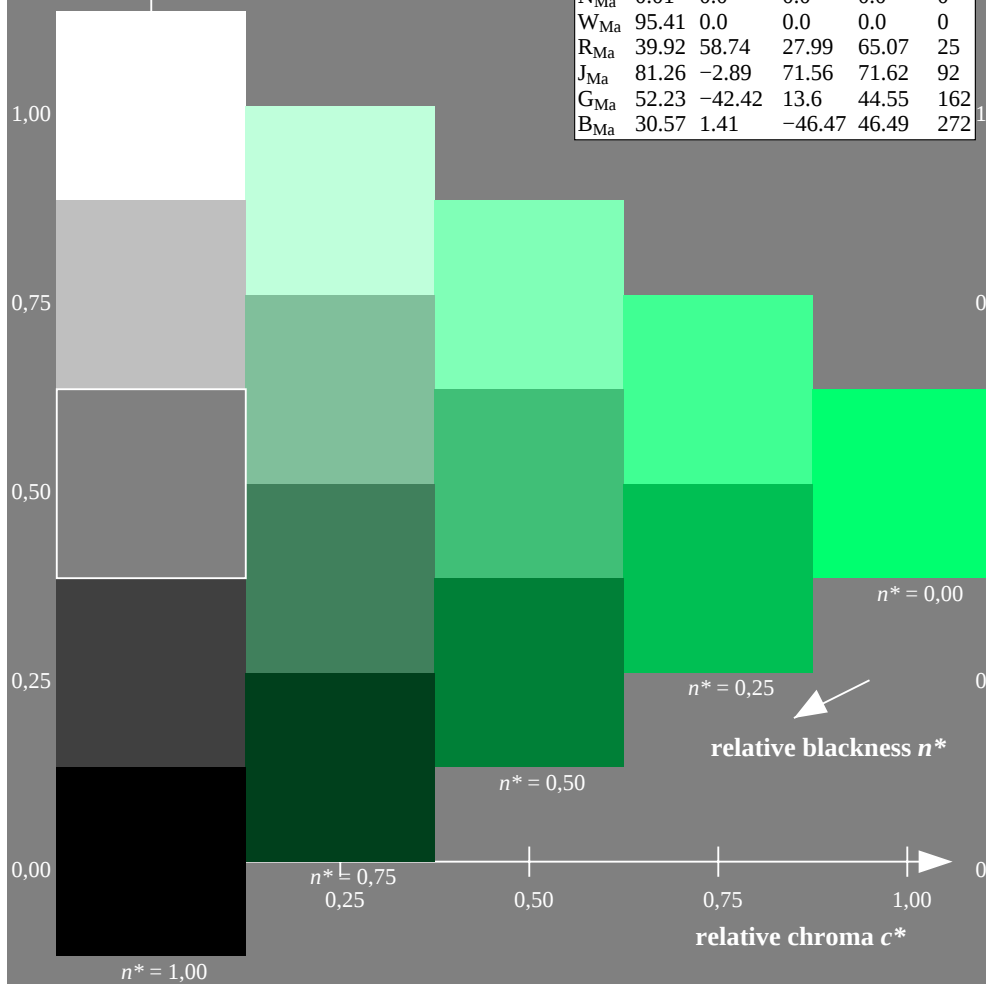
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data					
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	51.95	80.62	38.41	89.3	25
r25j	52.4	72.52	65.73	97.88	42
r50j	64.61	44.24	73.32	85.63	59
r75j	74.89	20.46	79.71	82.29	76
j00g	85.23	-3.48	86.13	86.2	92
j25g	91.02	-31.95	88.78	94.35	110
j50g	86.44	-63.37	83.29	104.66	127
j75g	84.65	-71.14	50.29	87.12	145
g00b	85.75	-58.84	18.86	61.79	162
g25b	86.69	-48.26	-8.16	48.94	190
g50b	80.3	-31.91	-24.03	39.95	217
g75b	73.34	-16.86	-35.12	38.96	244
b00r	64.87	1.48	-48.64	48.66	272
b25r	43.19	48.37	-83.19	96.23	300
b50r	57.26	94.22	-57.5	110.38	329
b75r	54.32	86.7	-4.48	86.82	357



Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

data for any colour:

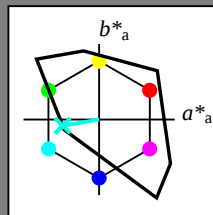
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = g25b$ $d^* = l88c$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 87 -48 -8

$LAB^*LCH^*_{Ma}$: 87 49 189

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5

$lab^*olv^*_{Ma}$: 0.0 1.0 0.89

triangle lightness t^*

% Gamut

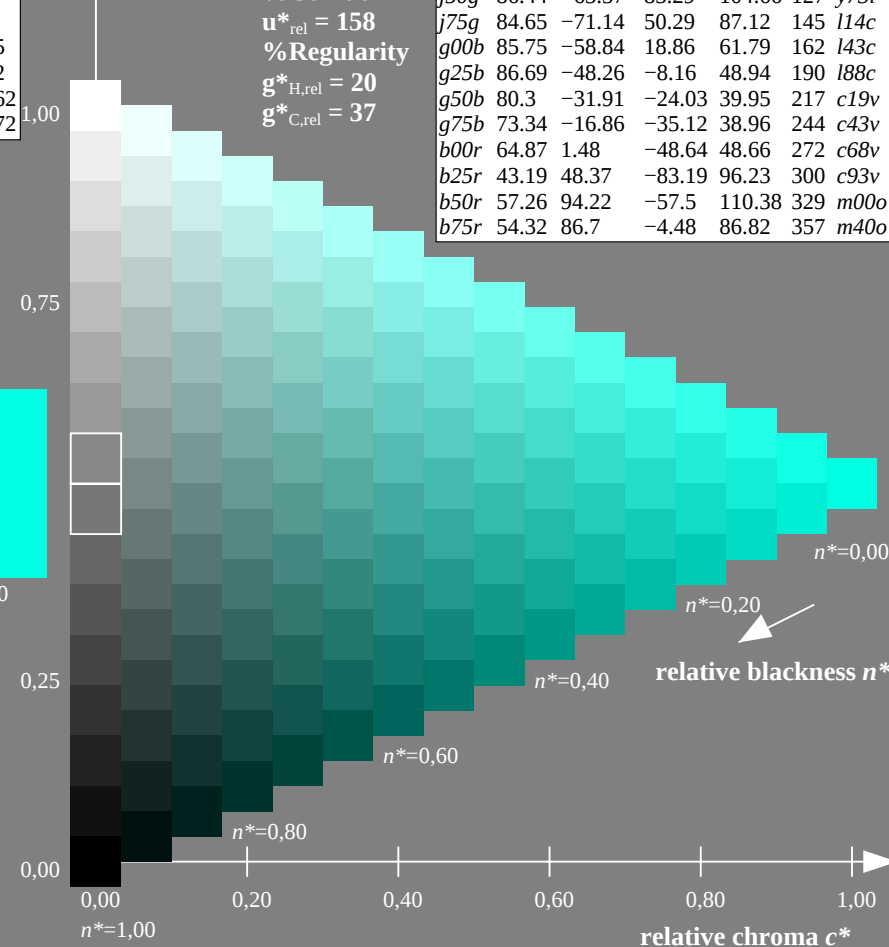
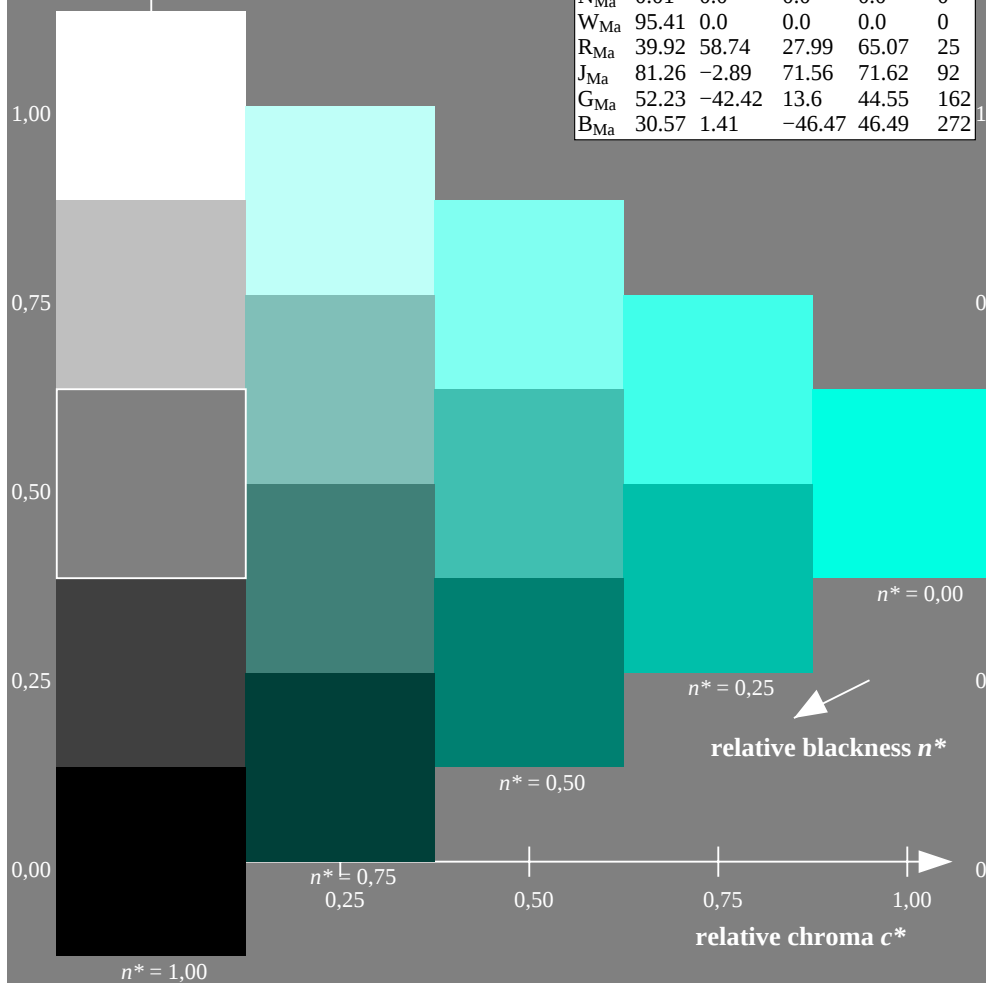
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data					
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	51.95	80.62	38.41	89.3	25
r25j	52.4	72.52	65.73	97.88	42
r50j	64.61	44.24	73.32	85.63	59
r75j	74.89	20.46	79.71	82.29	76
j00g	85.23	-3.48	86.13	86.2	92
j25g	91.02	-31.95	88.78	94.35	110
j50g	86.44	-63.37	83.29	104.66	127
j75g	84.65	-71.14	50.29	87.12	145
g00b	85.75	-58.84	18.86	61.79	162
g25b	86.69	-48.26	-8.16	48.94	190
g50b	80.3	-31.91	-24.03	39.95	217
g75b	73.34	-16.86	-35.12	38.96	244
b00r	64.87	1.48	-48.64	48.66	272
b25r	43.19	48.37	-83.19	96.23	300
b50r	57.26	94.22	-57.5	110.38	329
b75r	54.32	86.7	-4.48	86.82	357



Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

data for any colour:

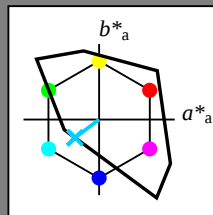
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = g50b$ $d^* = c19v$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 80 -32 -24

$LAB^*LCH^*_{Ma}$: 80 40 216

$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.81 1.0

triangle lightness t^*

% Gamut

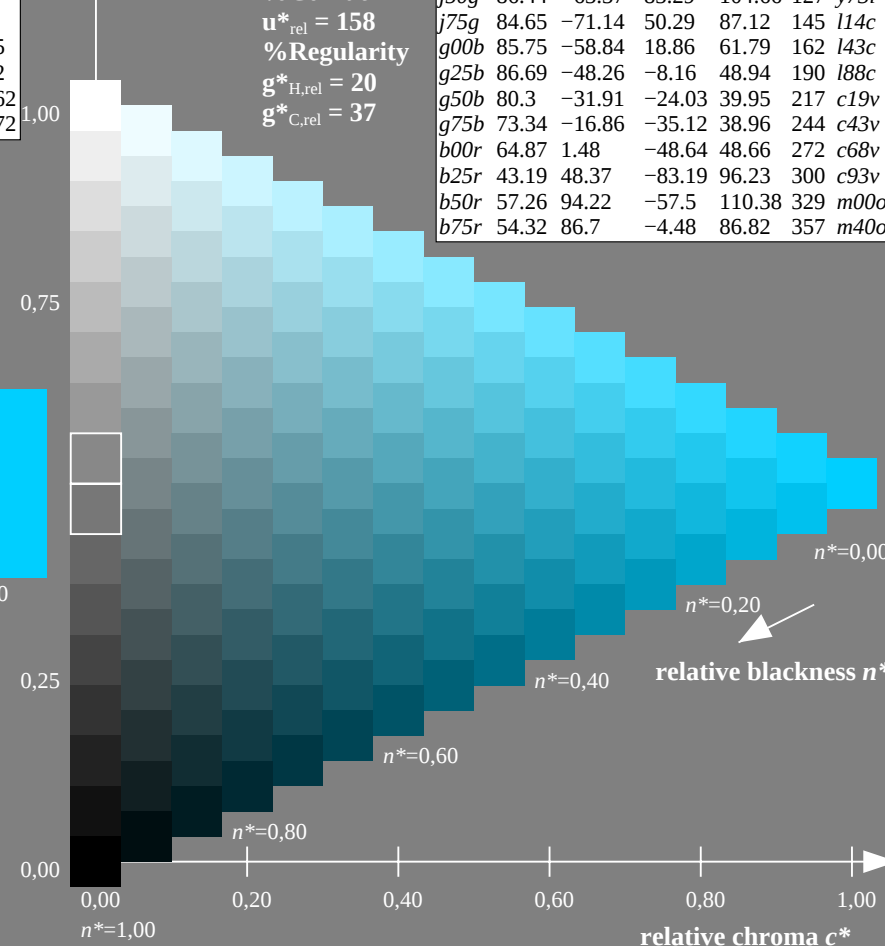
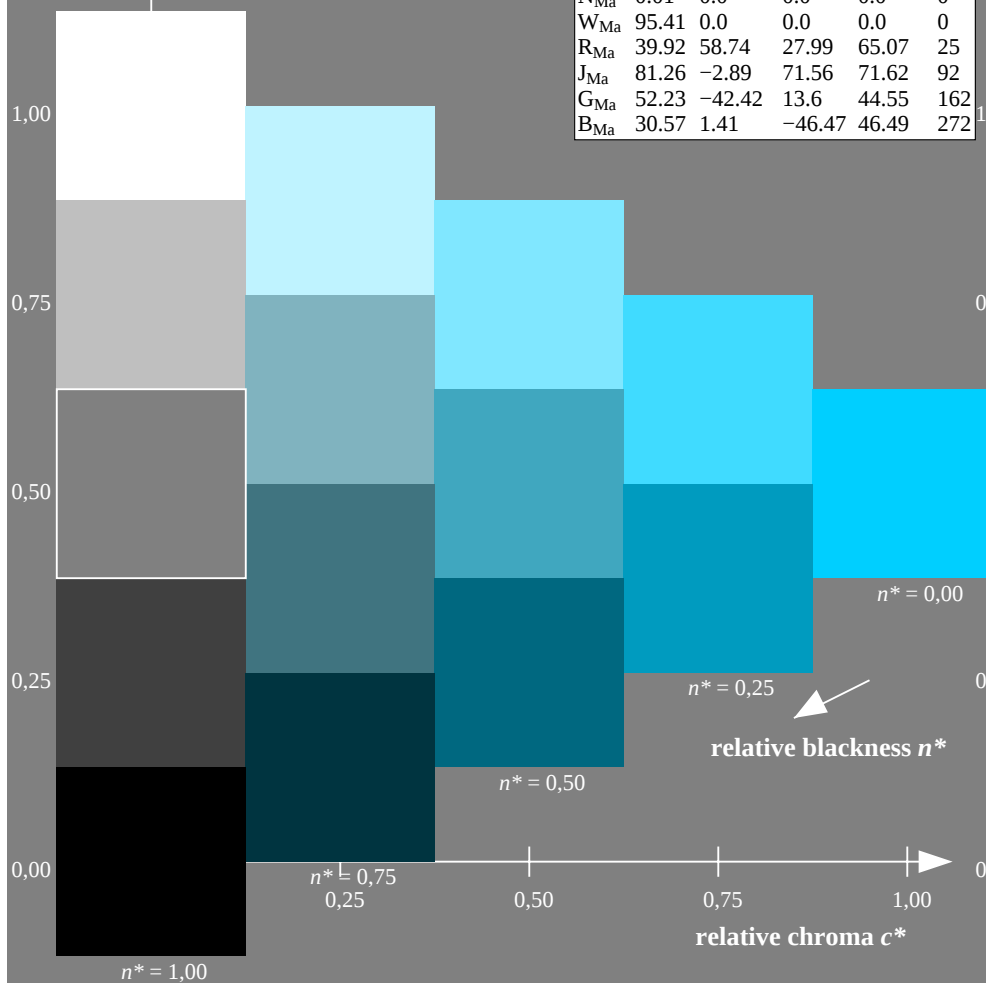
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data					
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	51.95	80.62	38.41	89.3	25
r25j	52.4	72.52	65.73	97.88	42
r50j	64.61	44.24	73.32	85.63	59
r75j	74.89	20.46	79.71	82.29	76
j00g	85.23	-3.48	86.13	86.2	92
j25g	91.02	-31.95	88.78	94.35	110
j50g	86.44	-63.37	83.29	104.66	127
j75g	84.65	-71.14	50.29	87.12	145
g00b	85.75	-58.84	18.86	61.79	162
g25b	86.69	-48.26	-8.16	48.94	190
g50b	80.3	-31.91	-24.03	39.95	217
g75b	73.34	-16.86	-35.12	38.96	244
b00r	64.87	1.48	-48.64	48.66	272
b25r	43.19	48.37	-83.19	96.23	300
b50r	57.26	94.22	-57.5	110.38	329
b75r	54.32	86.7	-4.48	86.82	357



IE570-7N

Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

data for any colour:

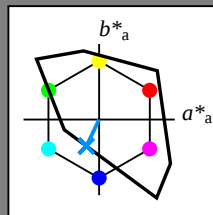
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = g75b$ $d^* = c43v$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 73 -17 -35

$LAB^*LCH^*_{Ma}$: 73 39 244

$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0

$lab^*olv^*_{Ma}$: 0.0 0.56 1.0

triangle lightness t^*

% Gamut

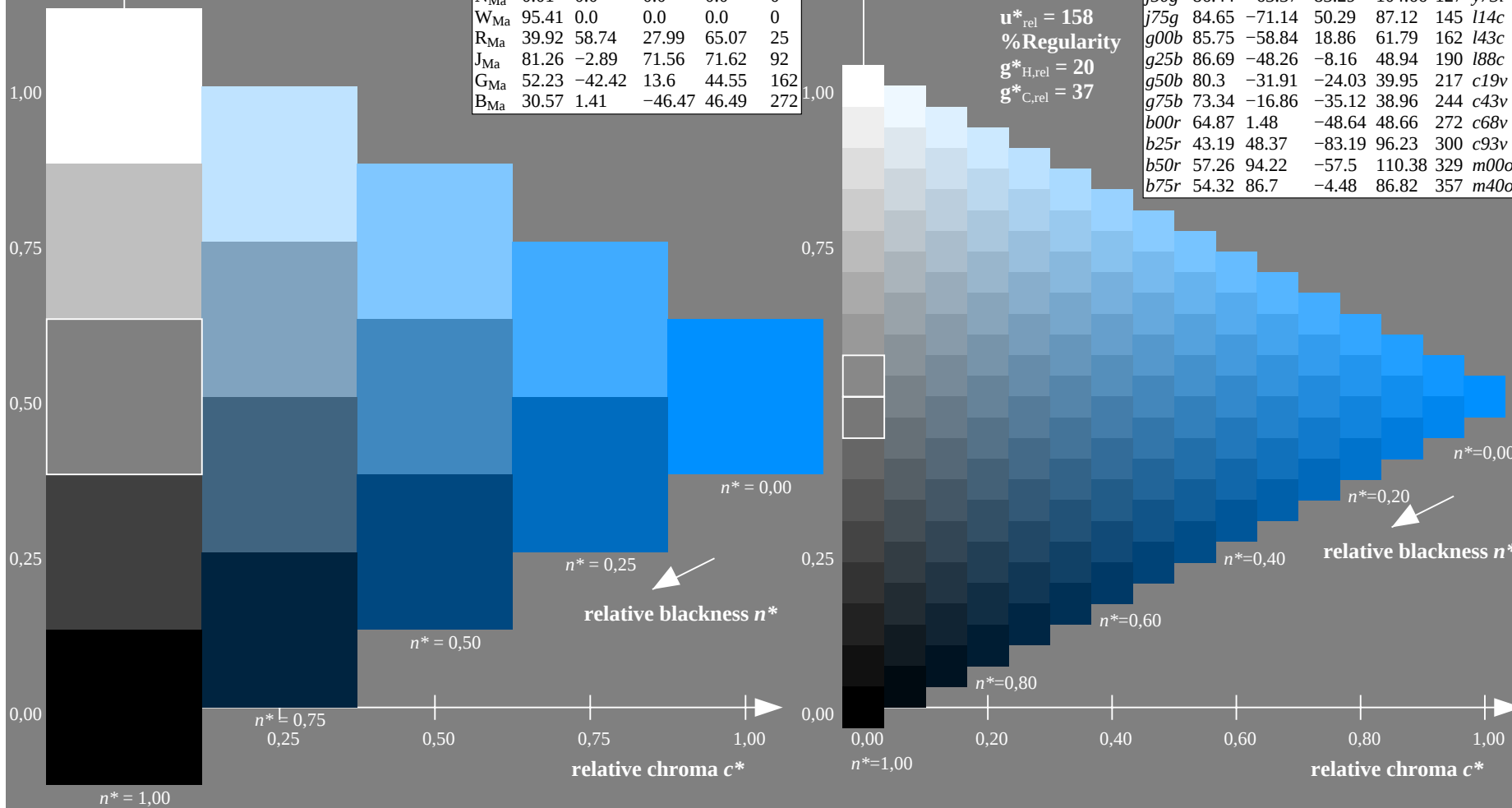
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data						
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	d^*
r00j	51.95	80.62	38.41	89.3	25	m79o
r25j	52.4	72.52	65.73	97.88	42	o03y
r50j	64.61	44.24	73.32	85.63	59	o30y
r75j	74.89	20.46	79.71	82.29	76	o56y
j00g	85.23	-3.48	86.13	86.2	92	o82y
j25g	91.02	-31.95	88.78	94.35	110	y21l
j50g	86.44	-63.37	83.29	104.66	127	y73l
j75g	84.65	-71.14	50.29	87.12	145	l14c
g00b	85.75	-58.84	18.86	61.79	162	l43c
g25b	86.69	-48.26	-8.16	48.94	190	l88c
g50b	80.3	-31.91	-24.03	39.95	217	c19v
g75b	73.34	-16.86	-35.12	38.96	244	c43v
b00r	64.87	1.48	-48.64	48.66	272	c68v
b25r	43.19	48.37	-83.19	96.23	300	c93v
b50r	57.26	94.22	-57.5	110.38	329	m00o
b75r	54.32	86.7	-4.48	86.82	357	m40o



Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

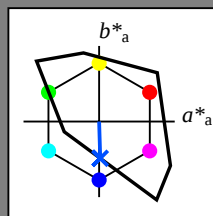
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = b00r$ $d^* = c68v$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 65 1 -49

$LAB^*LCH^*_{Ma}$: 65 49 271

$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.31 1.0

triangle lightness t^*

% Gamut

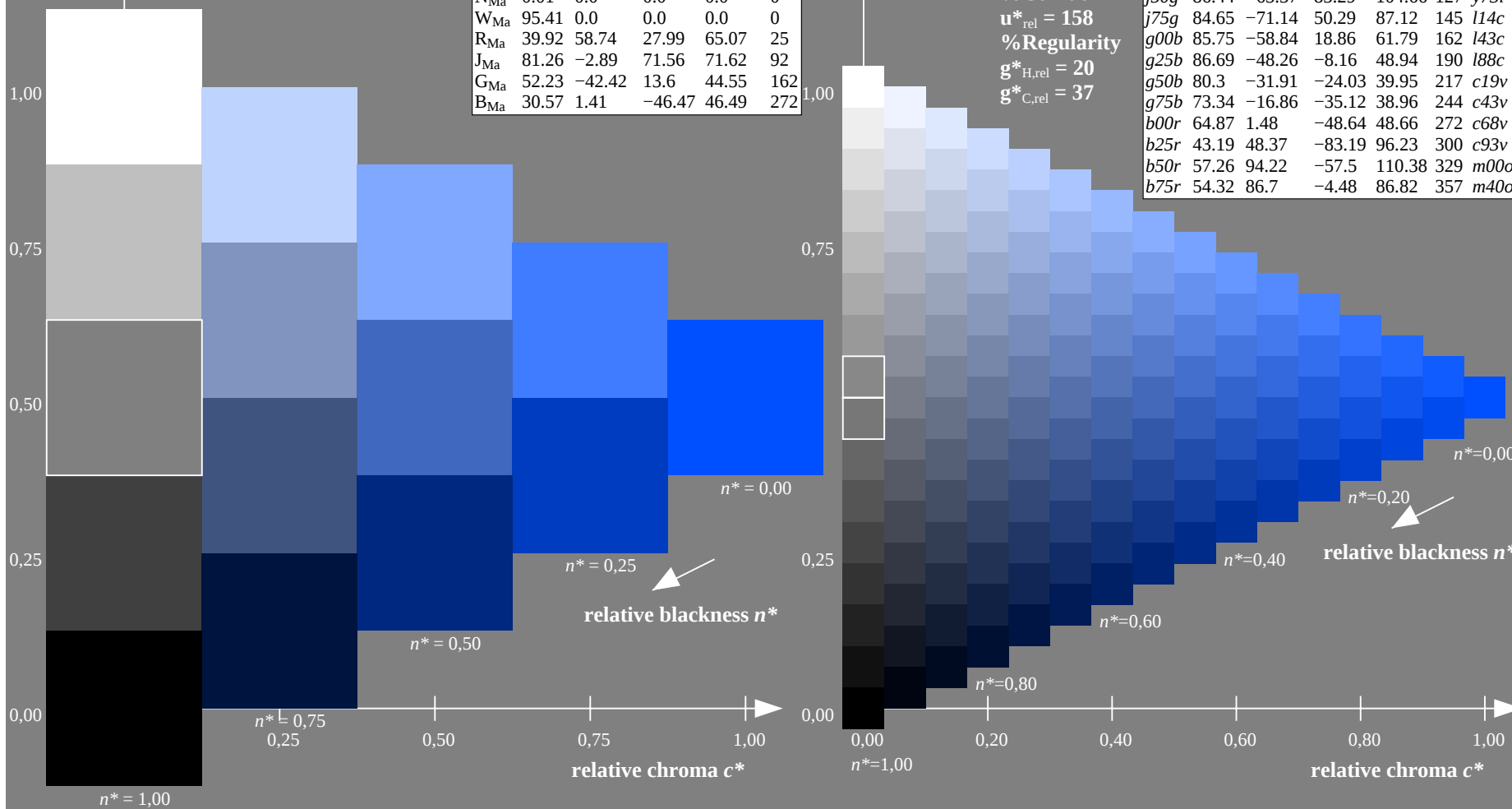
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data					
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	51.95	80.62	38.41	89.3	25
r25j	52.4	72.52	65.73	97.88	42
r50j	64.61	44.24	73.32	85.63	59
r75j	74.89	20.46	79.71	82.29	76
j00g	85.23	-3.48	86.13	86.2	92
j25g	91.02	-31.95	88.78	94.35	110
j50g	86.44	-63.37	83.29	104.66	127
j75g	84.65	-71.14	50.29	87.12	145
g00b	85.75	-58.84	18.86	61.79	162
g25b	86.69	-48.26	-8.16	48.94	190
g50b	80.3	-31.91	-24.03	39.95	217
g75b	73.34	-16.86	-35.12	38.96	244
b00r	64.87	1.48	-48.64	48.66	272
b25r	43.19	48.37	-83.19	96.23	300
b50r	57.26	94.22	-57.5	110.38	329
b75r	54.32	86.7	-4.48	86.82	357



Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

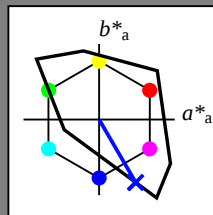
data for any colour:

lab^*tch^* and lab^*ncu^*
elementary and device

hue text:

$u^* = b25r$ $d^* = c93v$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 43 48 -83

$LAB^*LCH^*_{Ma}$: 43 96 300

$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0

$lab^*olv^*_{Ma}$: 0.0 0.06 1.0

triangle lightness t^*

% Gamut

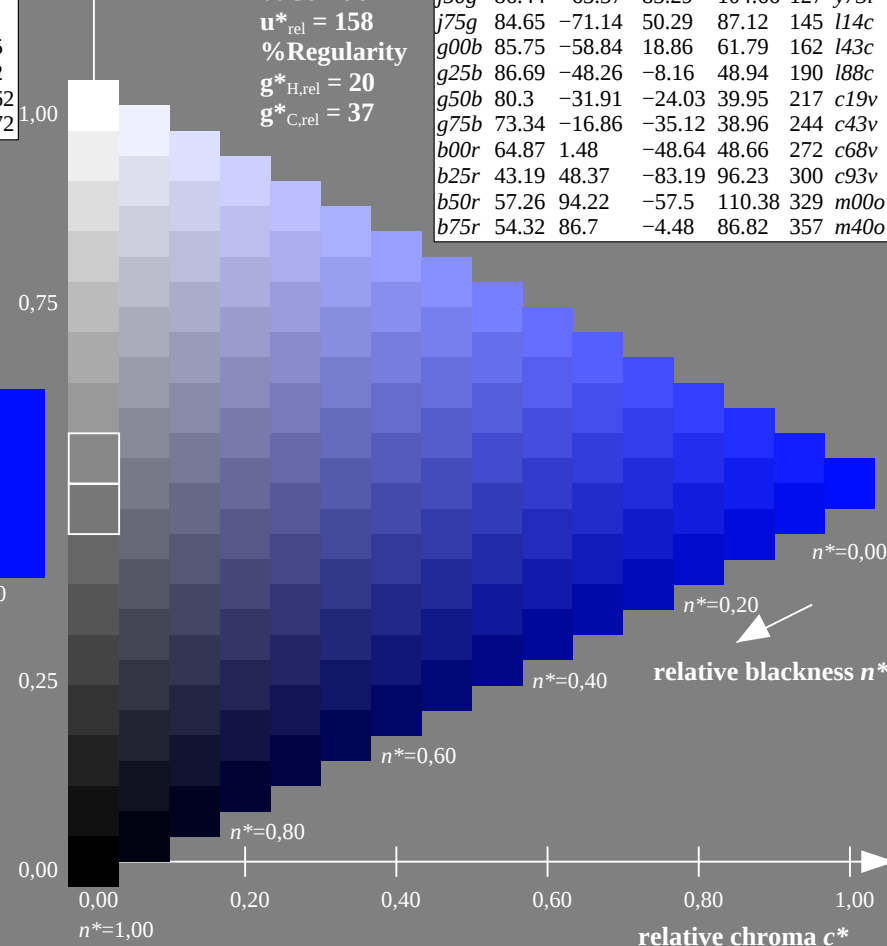
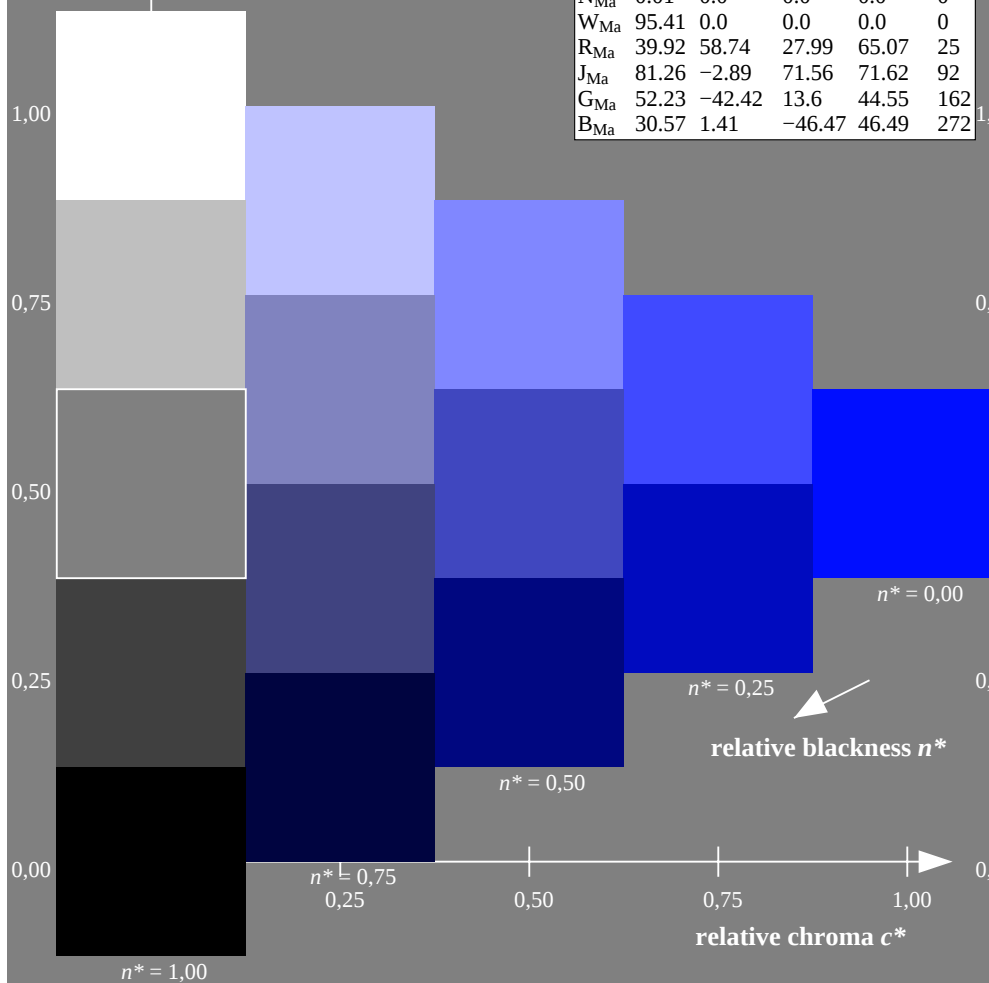
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data					
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	51.95	80.62	38.41	89.3	25
r25j	52.4	72.52	65.73	97.88	42
r50j	64.61	44.24	73.32	85.63	59
r75j	74.89	20.46	79.71	82.29	76
j00g	85.23	-3.48	86.13	86.2	92
j25g	91.02	-31.95	88.78	94.35	110
j50g	86.44	-63.37	83.29	104.66	127
j75g	84.65	-71.14	50.29	87.12	145
g00b	85.75	-58.84	18.86	61.79	162
g25b	86.69	-48.26	-8.16	48.94	190
g50b	80.3	-31.91	-24.03	39.95	217
g75b	73.34	-16.86	-35.12	38.96	244
b00r	64.87	1.48	-48.64	48.66	272
b25r	43.19	48.37	-83.19	96.23	300
b50r	57.26	94.22	-57.5	110.38	329
b75r	54.32	86.7	-4.48	86.82	357



IE570-7N

Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

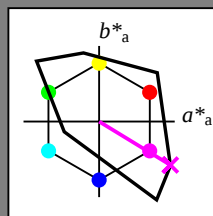
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = b50r$ $d^* = m00o$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 57 94 -57

$LAB^*LCH^*_{Ma}$: 57 110 328

$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0

$lab^*olv^*_{Ma}$: 1.0 0.0 0.99

triangle lightness t^*

% Gamut

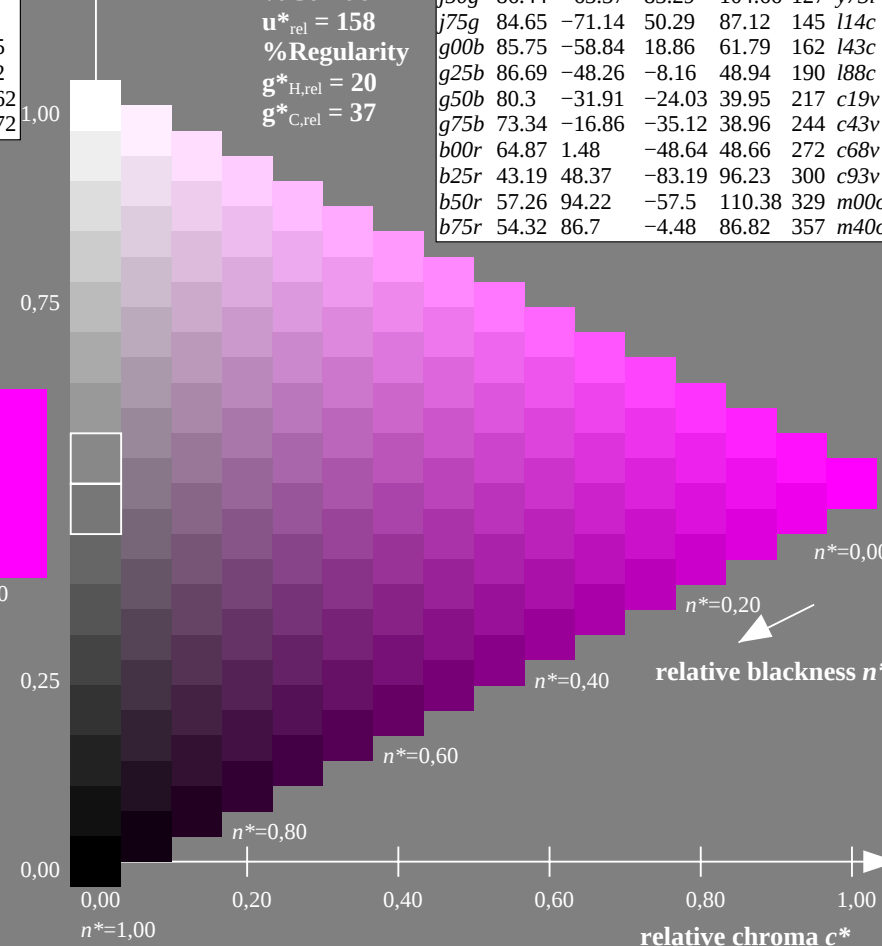
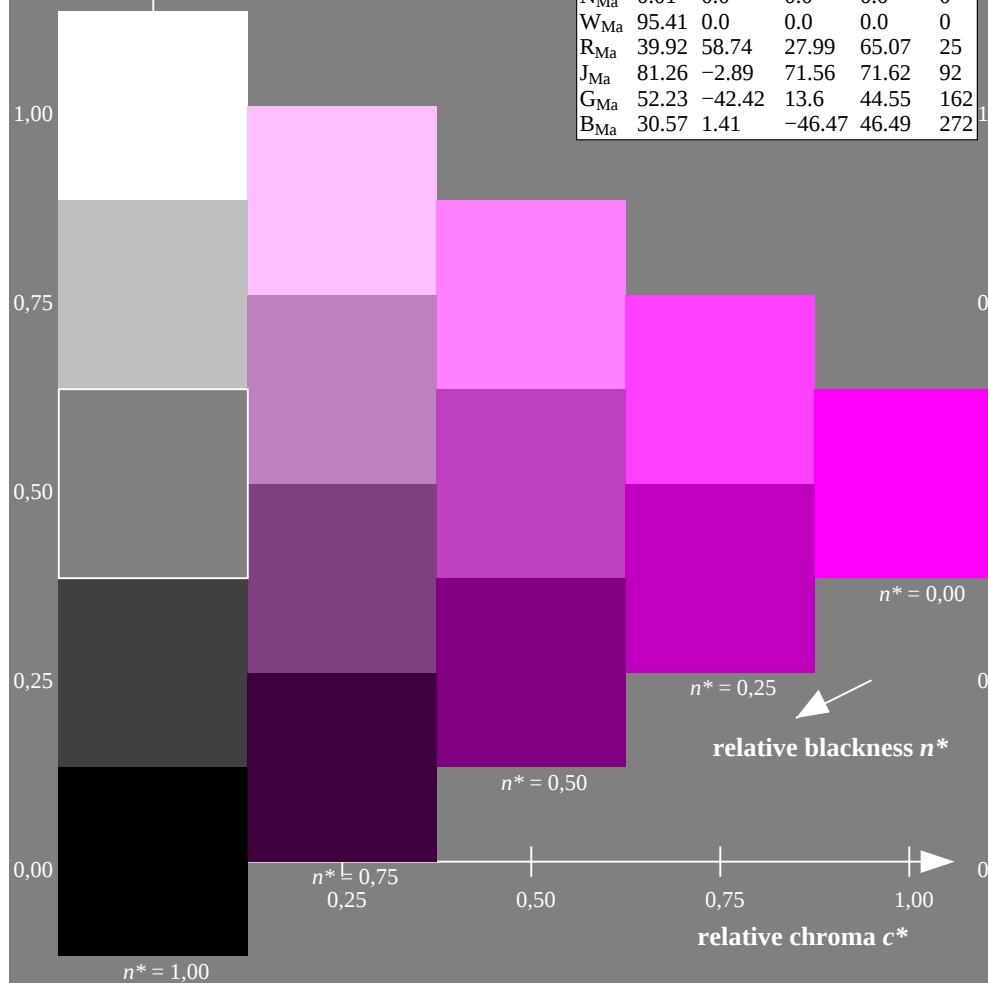
$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data						
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	d^*
r00j	51.95	80.62	38.41	89.3	25	m79o
r25j	52.4	72.52	65.73	97.88	42	o03y
r50j	64.61	44.24	73.32	85.63	59	o30y
r75j	74.89	20.46	79.71	82.29	76	o56y
j00g	85.23	-3.48	86.13	86.2	92	o82y
j25g	91.02	-31.95	88.78	94.35	110	y21l
j50g	86.44	-63.37	83.29	104.66	127	y73l
j75g	84.65	-71.14	50.29	87.12	145	l14c
g00b	85.75	-58.84	18.86	61.79	162	l43c
g25b	86.69	-48.26	-8.16	48.94	190	l88c
g50b	80.3	-31.91	-24.03	39.95	217	c19v
g75b	73.34	-16.86	-35.12	38.96	244	c43v
b00r	64.87	1.48	-48.64	48.66	272	c68v
b25r	43.19	48.37	-83.19	96.23	300	c93v
b50r	57.26	94.22	-57.5	110.38	329	m00o
b75r	54.32	86.7	-4.48	86.82	357	m40o



Input and output: Colorimetric Television Luminous System TLS00a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$

data for any colour:

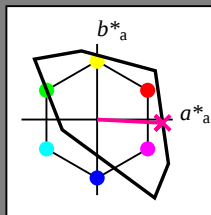
lab^*tch^* and lab^*ncu^*

elementary and device

hue text:

$u^* = b75r$ $d^* = m40o$

triangle lightness t^*



TLS00a; adapted (a) CIELAB data					
Name	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.68	90.75	93.08	103
L _{Ma}	83.62	-82.74	79.9	115.02	136
C _{Ma}	86.88	-46.15	-13.54	48.1	196
V _{Ma}	30.39	76.06	-103.6	128.52	306
M _{Ma}	57.31	94.35	-58.4	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 87 -4

$LAB^*LCH^*_{Ma}$: 54 87 357

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5

$lab^*olv^*_{Ma}$: 1.0 0.0 0.6

triangle lightness t^*

% Gamut

$u^*_{rel} = 158$

% Regularity

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

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

TLS00a; adapted (a) CIELAB data					
u^*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	51.95	80.62	38.41	89.3	25
r25j	52.4	72.52	65.73	97.88	42
r50j	64.61	44.24	73.32	85.63	59
r75j	74.89	20.46	79.71	82.29	76
j00g	85.23	-3.48	86.13	86.2	92
j25g	91.02	-31.95	88.78	94.35	110
j50g	86.44	-63.37	83.29	104.66	127
j75g	84.65	-71.14	50.29	87.12	145
g00b	85.75	-58.84	18.86	61.79	162
g25b	86.69	-48.26	-8.16	48.94	190
g50b	80.3	-31.91	-24.03	39.95	217
g75b	73.34	-16.86	-35.12	38.96	244
b00r	64.87	1.48	-48.64	48.66	272
b25r	43.19	48.37	-83.19	96.23	300
b50r	57.26	94.22	-57.5	110.38	329
b75r	54.32	86.7	-4.48	86.82	357

