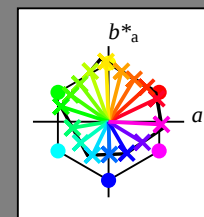


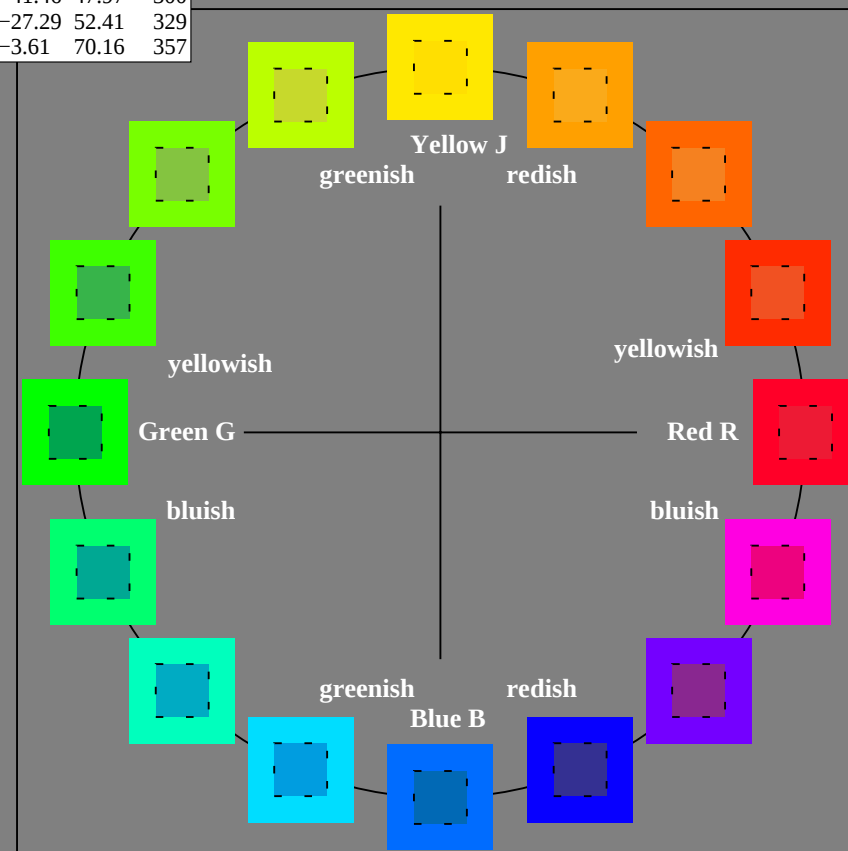
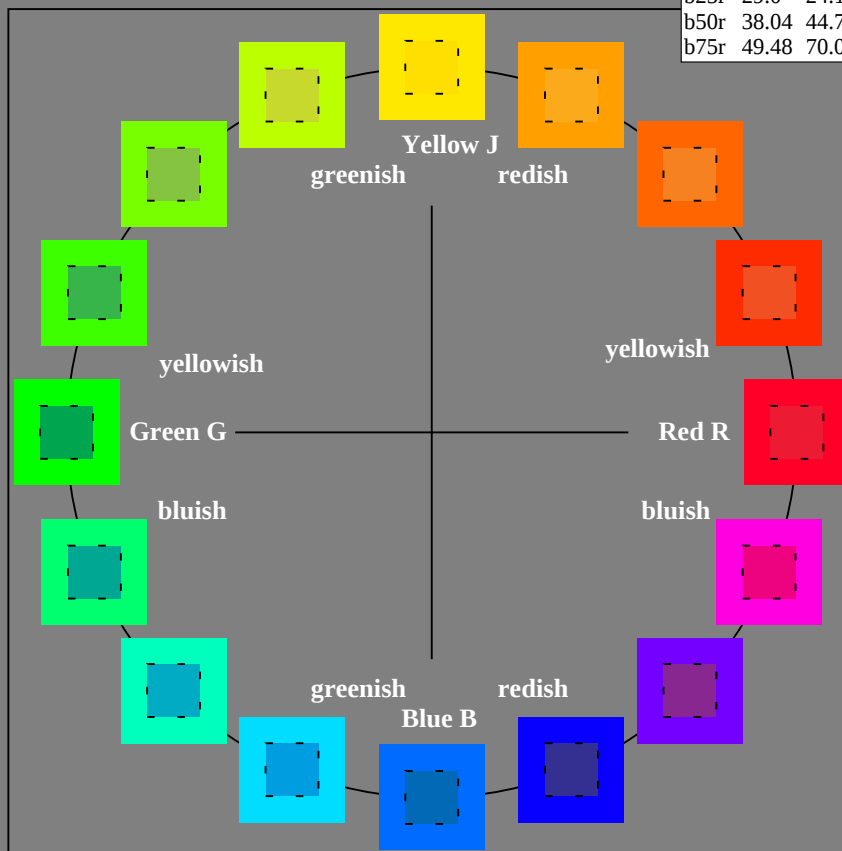
Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
 $lab^{*}tch^{*}$ and $lab^{*}icu^{*}$
elementary hue text:
 $u^{*} = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data					
	$L^{*}=L^{*}_a$	a^{*}_a	b^{*}_a	$C^{*}_{ab,a}$	$h^{*}_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



%Gamut
 $u^{*}_{rel} = 83$
%Regularity
 $g^{*}_{H,rel} = 72$
 $g^{*}_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data					
	$L^{*}=L^{*}_a$	a^{*}_a	b^{*}_a	$C^{*}_{ab,a}$	$h^{*}_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

lab^*tch^* and lab^*icu^*

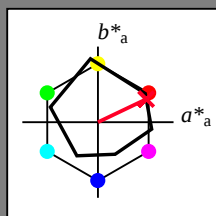
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 64 30

$LAB^*LCH^*_{Ma}$: 49 71 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.16

triangle lightness t^*

%Gamut

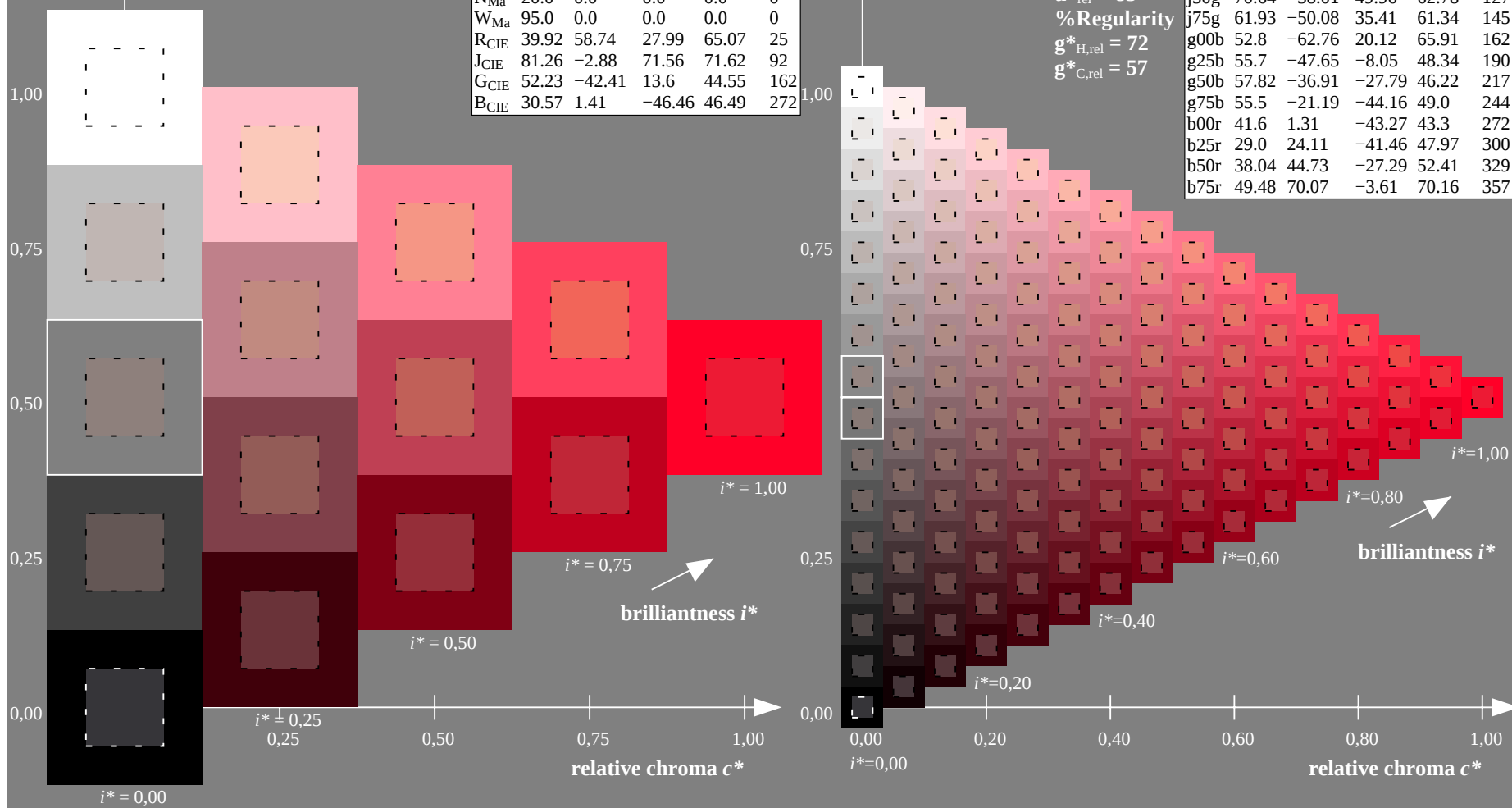
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

lab^*tch^* and lab^*icu^*

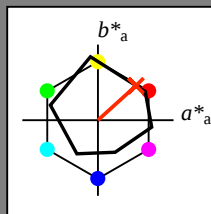
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 50 46

$LAB^*LCH^*_{Ma}$: 56 68 42

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

$lab^*olv^*_{Ma}$: 1.0 0.17 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

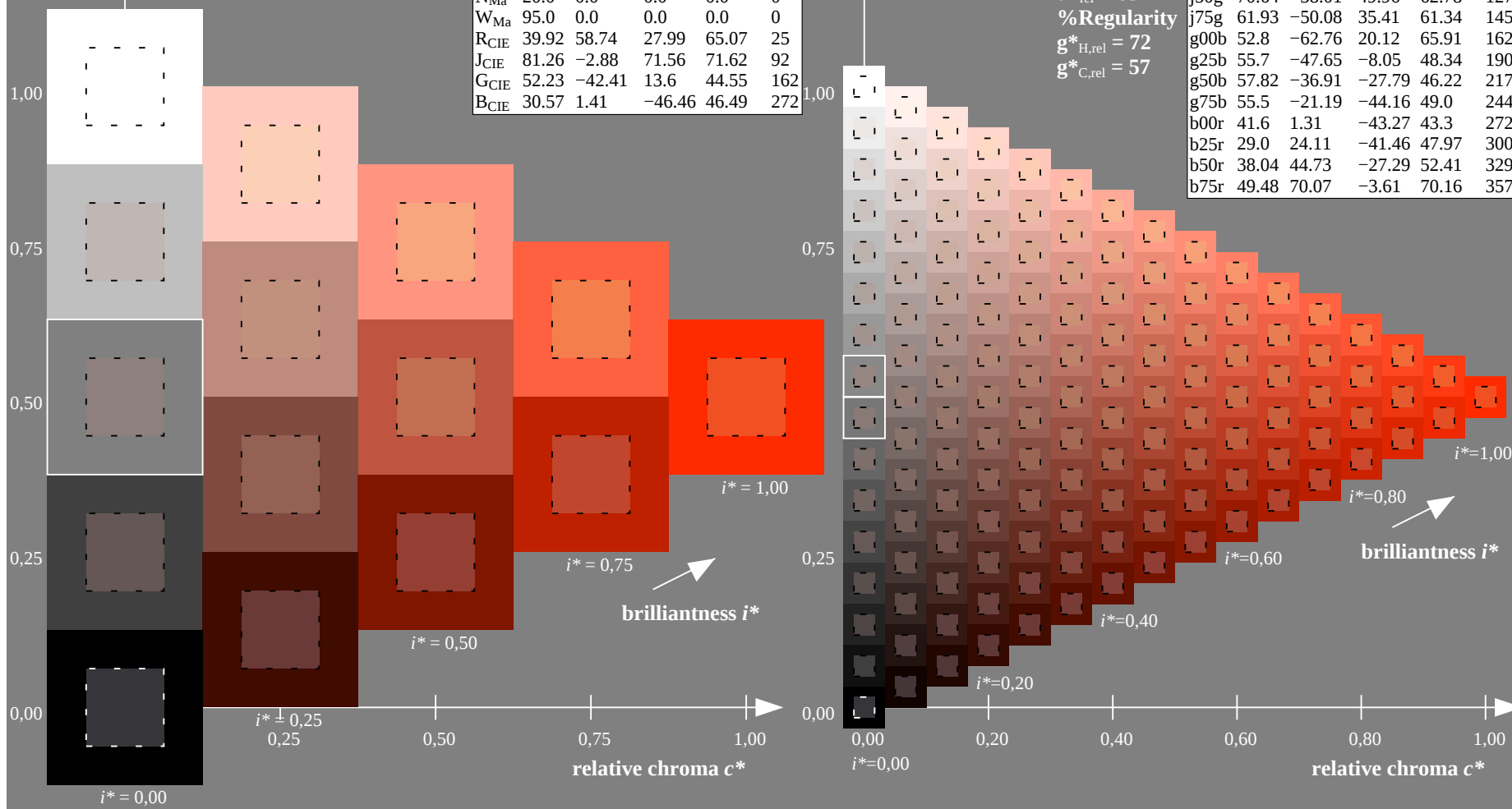
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

lab^*tch^* and lab^*icu^*

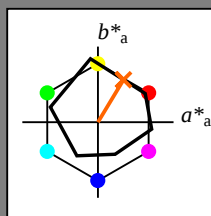
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 65 34 56

$LAB^*LCH^*_{Ma}$: 65 66 59

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

$lab^*olv^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

%Gamut

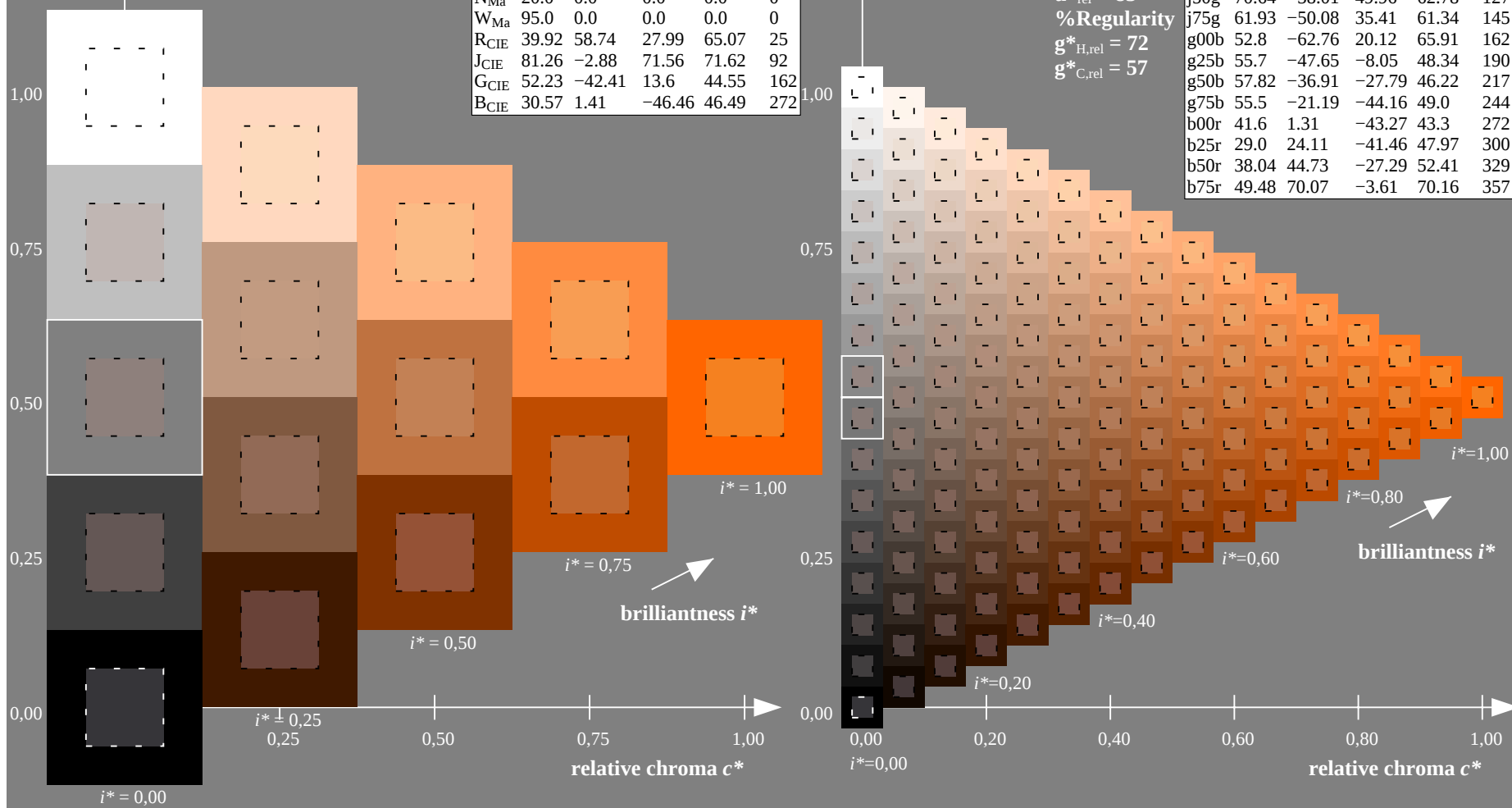
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

lab^*tch^* and lab^*icu^*

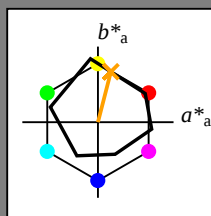
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 17 67

$LAB^*LCH^*_{Ma}$: 75 69 76

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

$lab^*olv^*_{Ma}$: 1.0 0.63 0.0

triangle lightness t^*

%Gamut

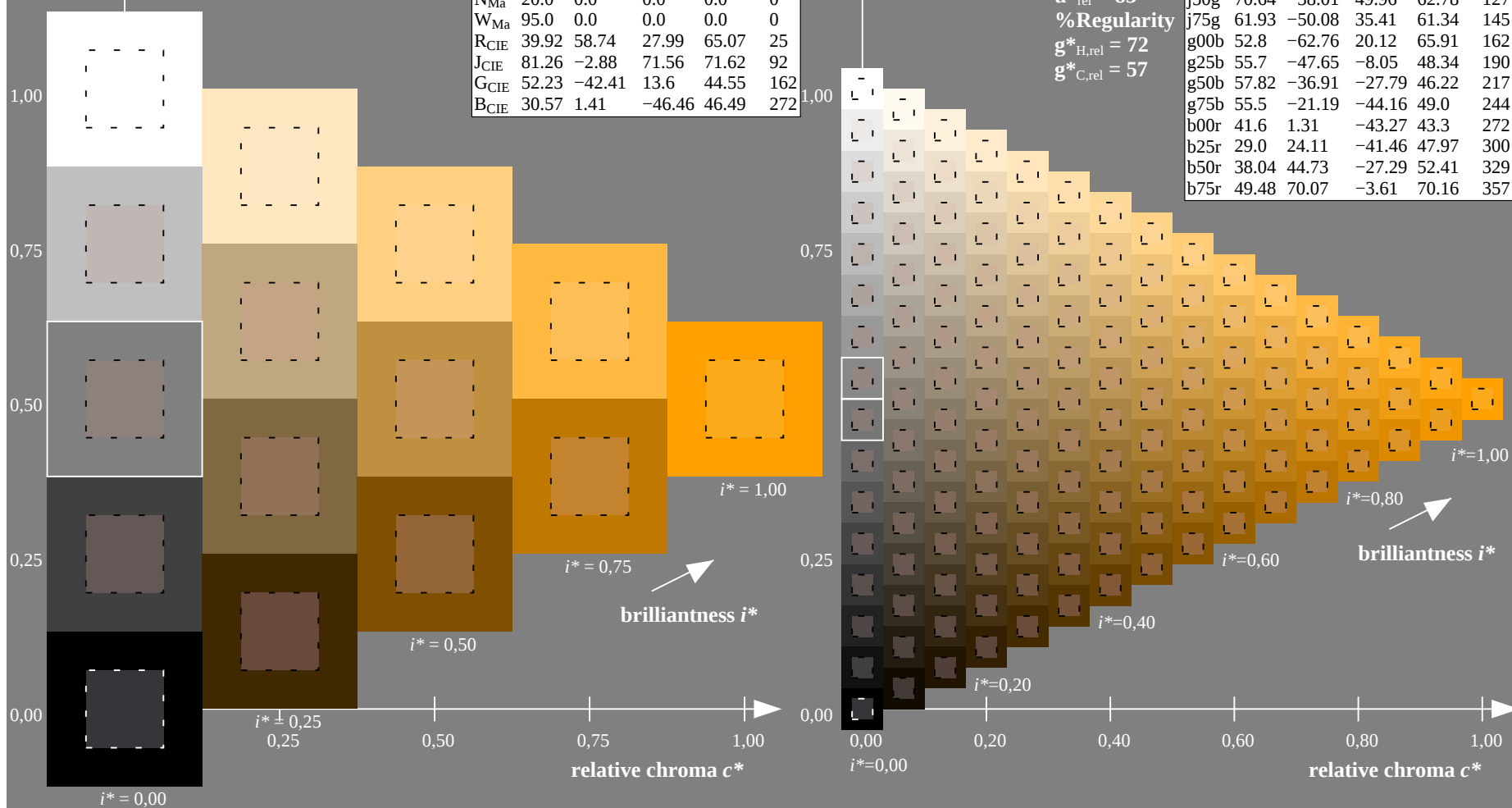
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

lab^*tch^* and lab^*icu^*

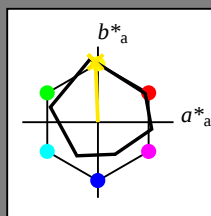
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 87 -2 80

$LAB^*LCH^*_{Ma}$: 87 80 92

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

$lab^*olv^*_{Ma}$: 1.0 0.91 0.0

triangle lightness t^*

%Gamut

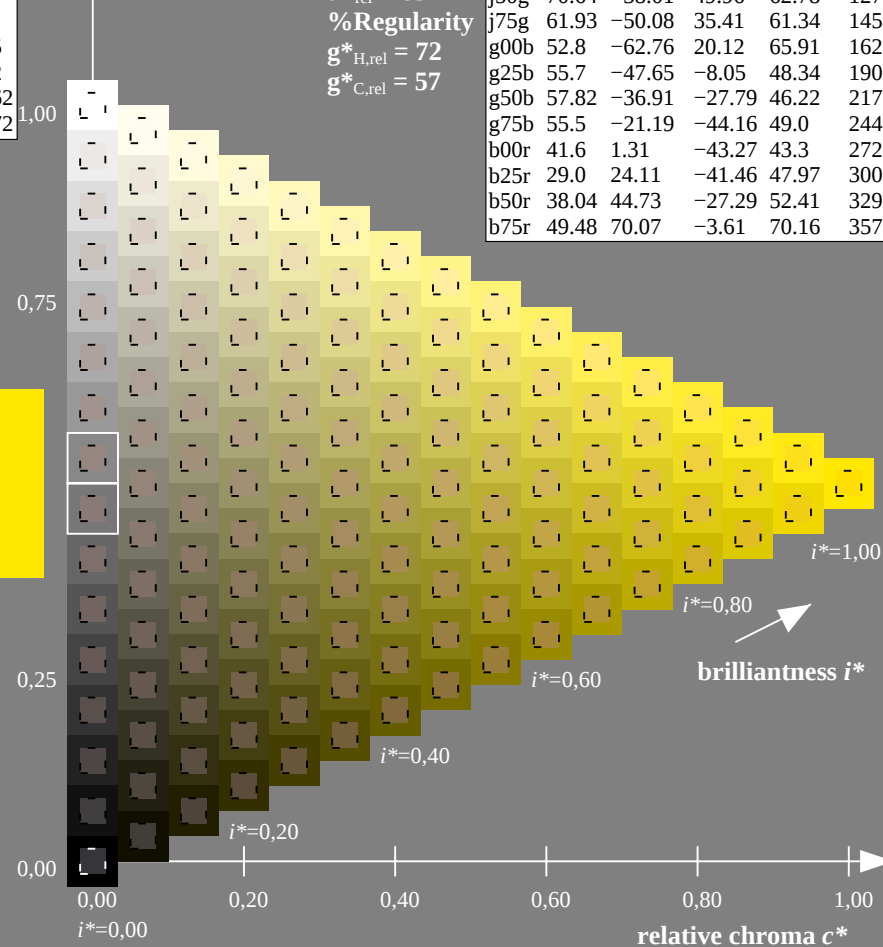
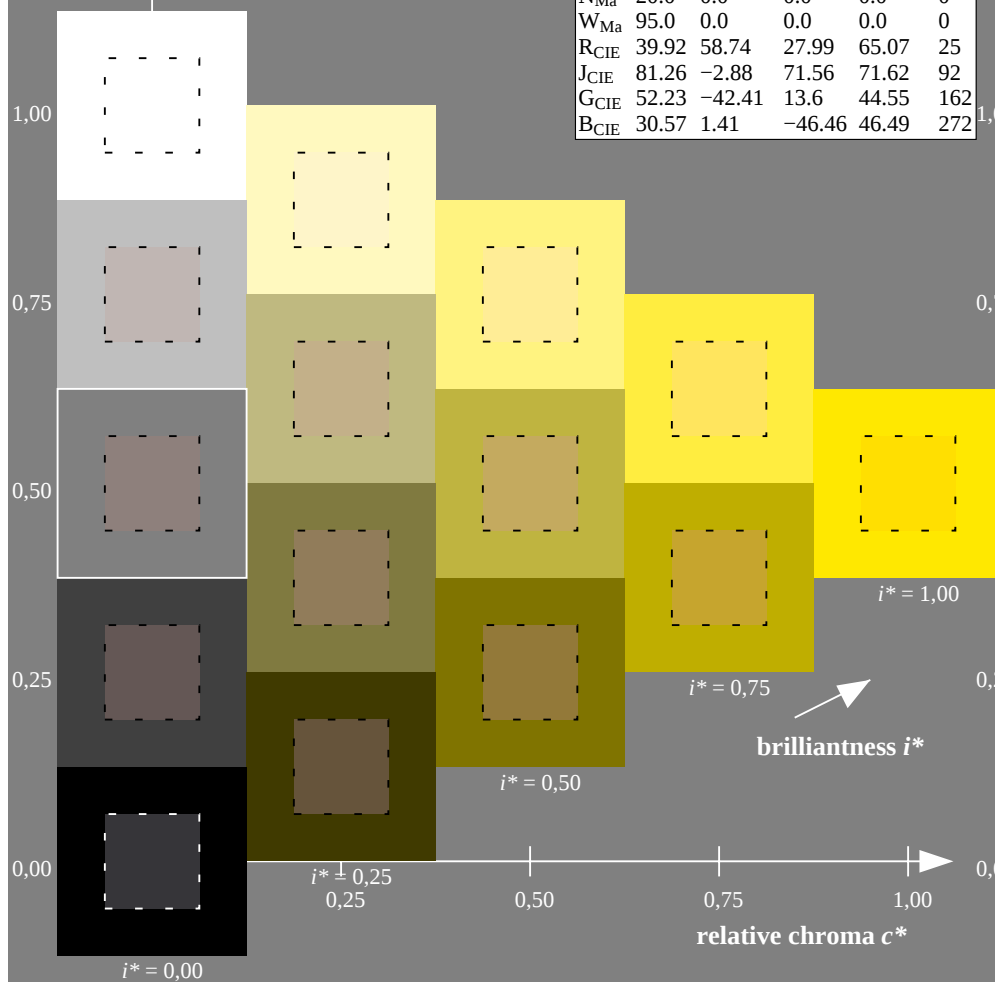
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

lab^*tch^* and lab^*icu^*

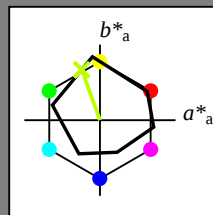
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -23 67

$LAB^*LCH^*_{Ma}$: 81 71 110

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

$lab^*olv^*_{Ma}$: 0.73 1.0 0.0

triangle lightness t^*

%Gamut

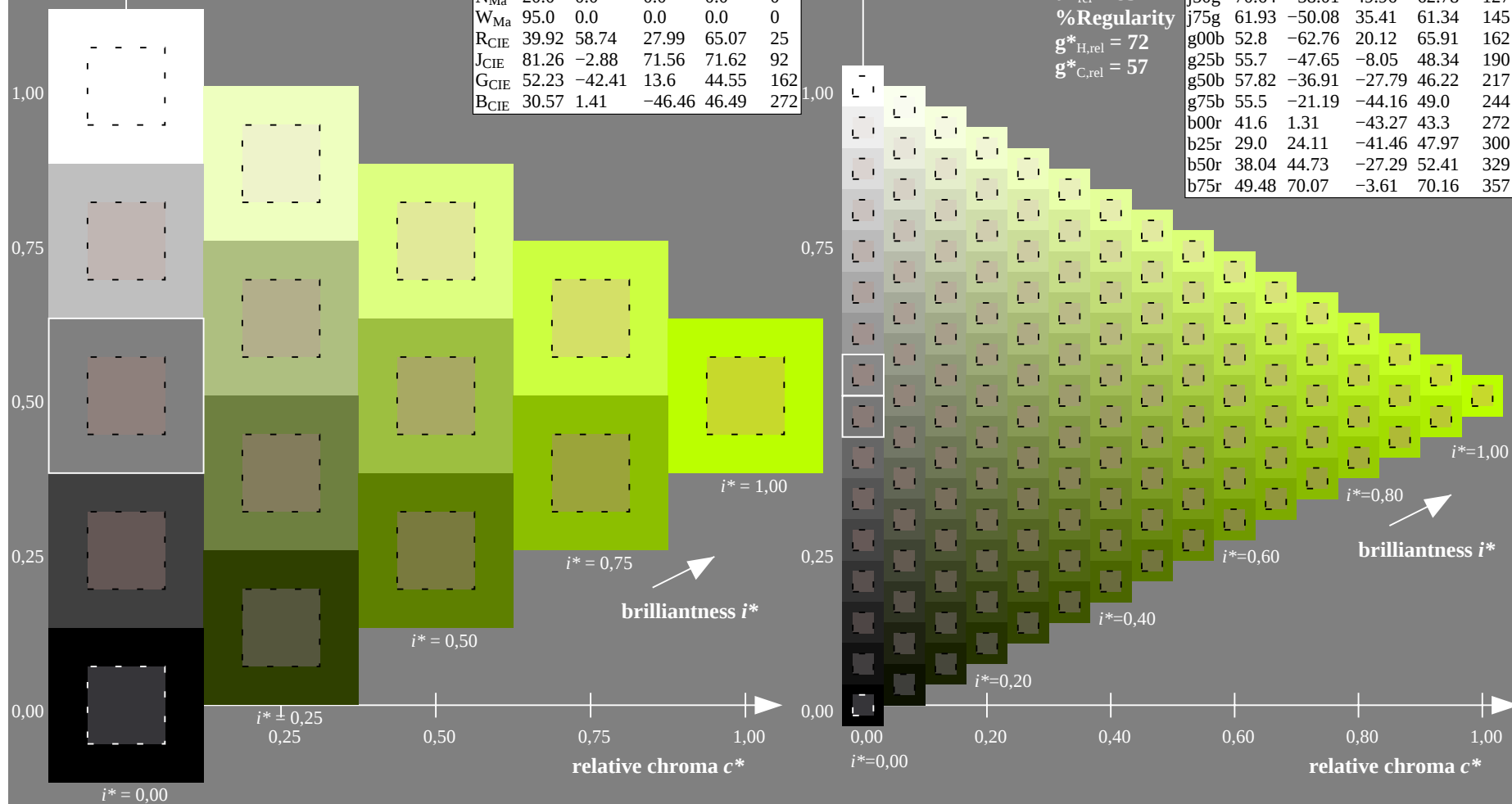
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

lab^*tch^* and lab^*icu^*

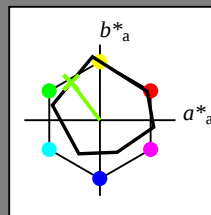
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -37 50

$LAB^*LCH^*_{Ma}$: 71 63 127

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

$lab^*olv^*_{Ma}$: 0.47 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

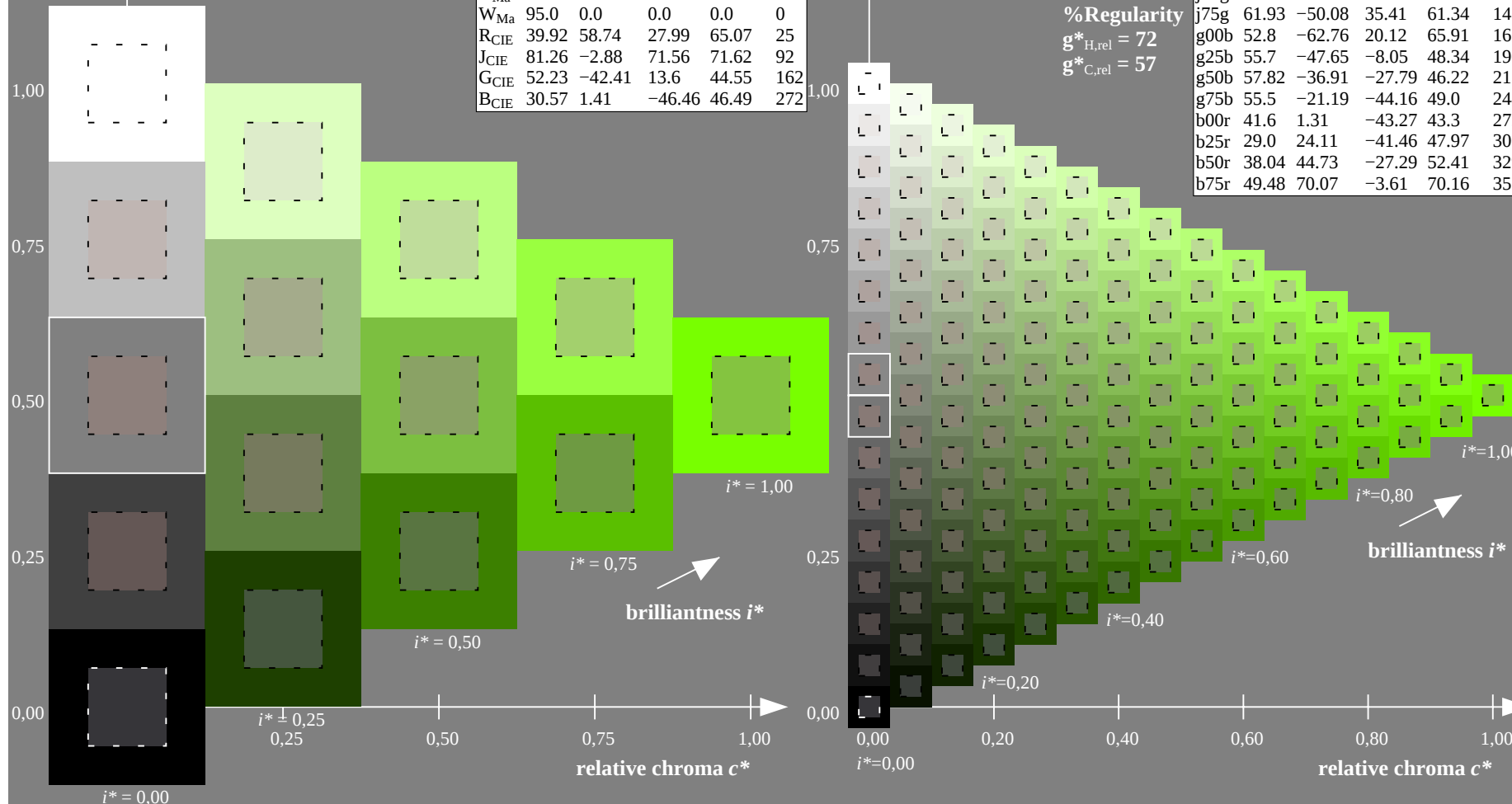
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

lab^*tch^* and lab^*icu^*

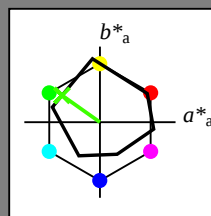
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -49 35

$LAB^*LCH^*_{Ma}$: 62 61 145

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

$lab^*olv^*_{Ma}$: 0.24 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

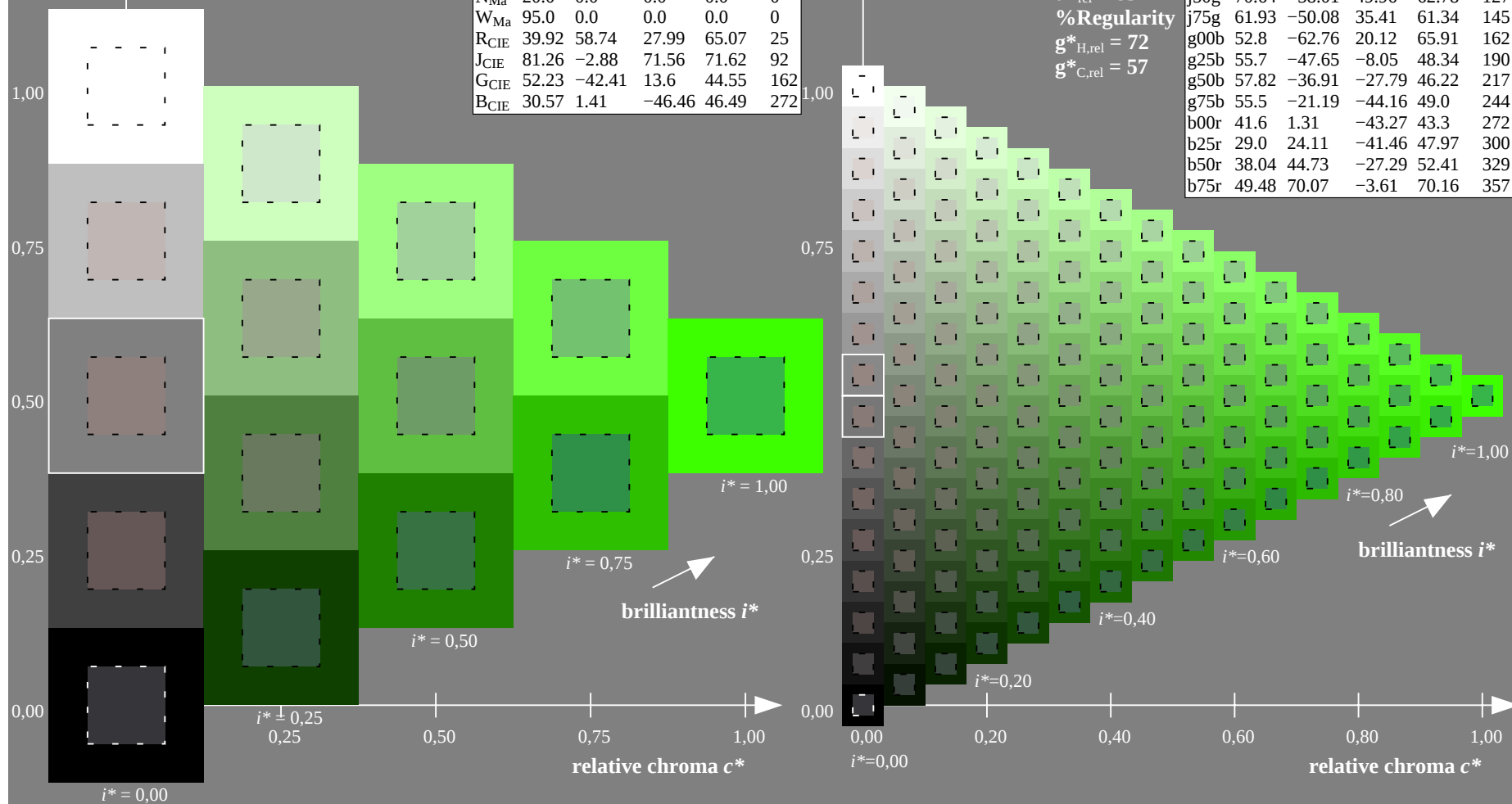
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

lab^*tch^* and lab^*icu^*

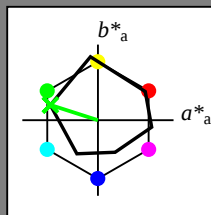
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 53 -62 20

$LAB^*LCH^*_{Ma}$: 53 66 162

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

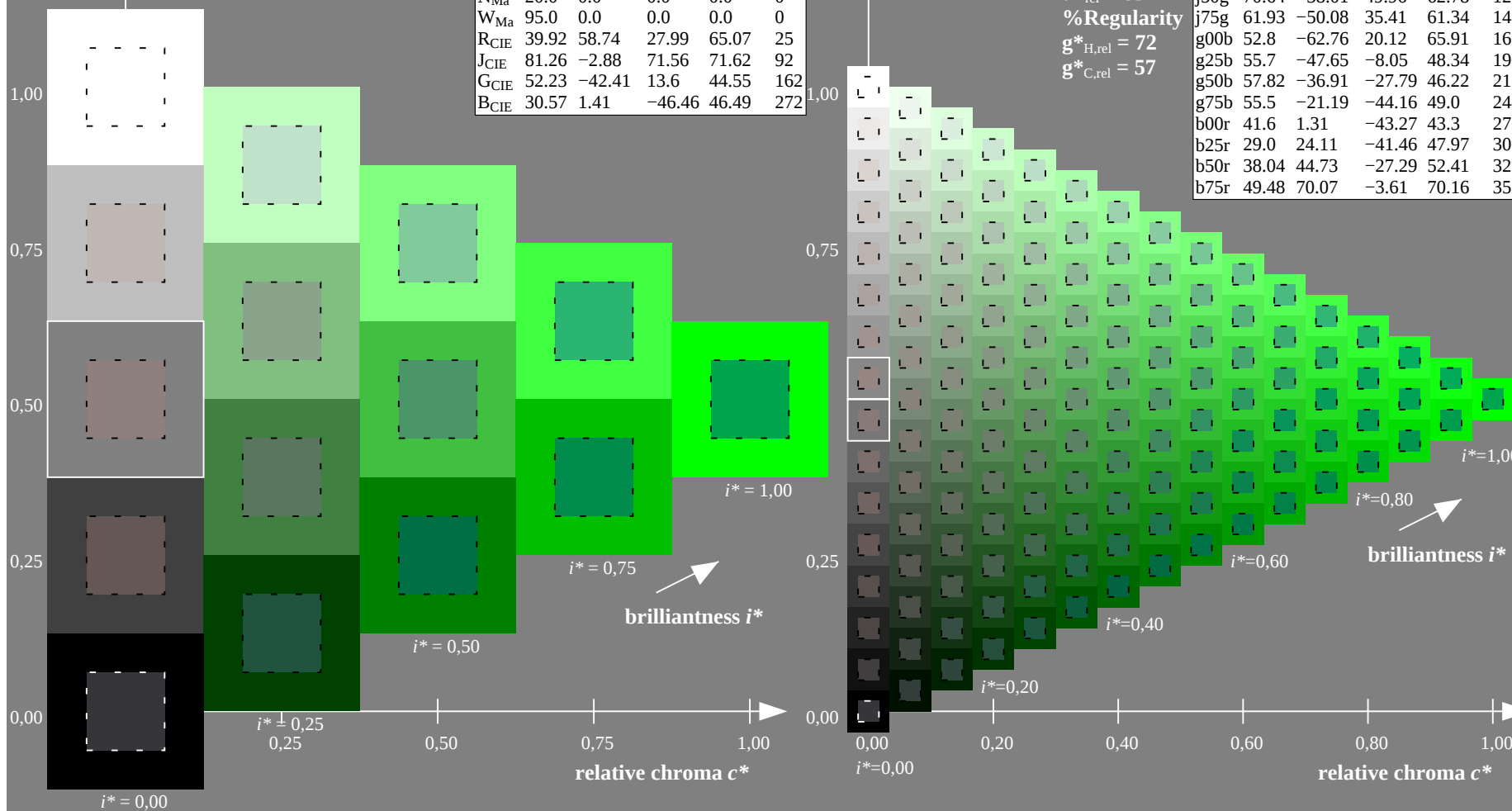
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

lab^*tch^* and lab^*icu^*

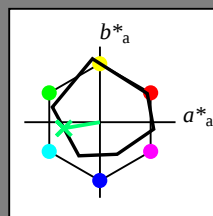
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -47 -7

$LAB^*LCH^*_{Ma}$: 56 48 190

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.44

triangle lightness t^*

%Gamut

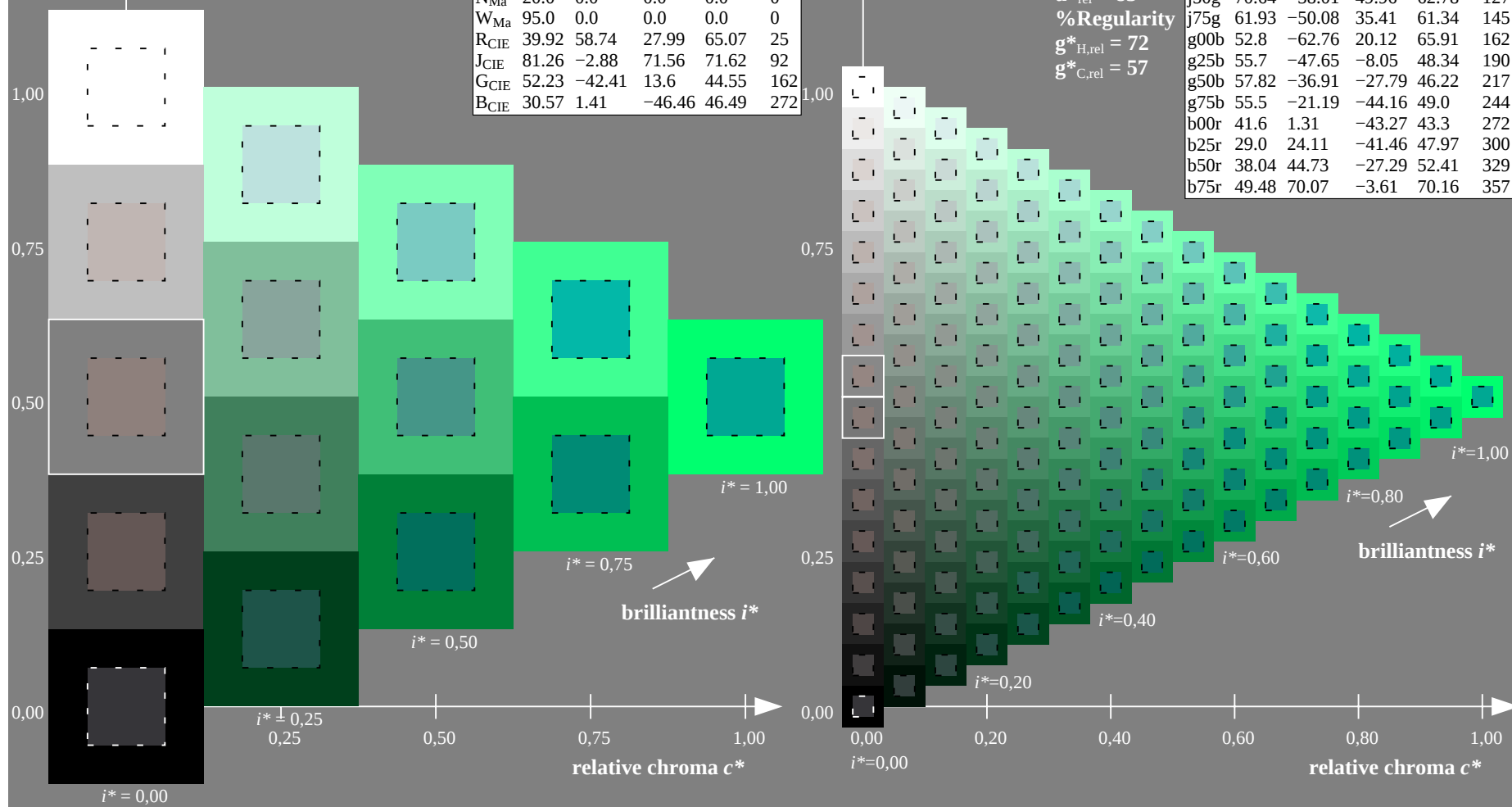
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

lab^*tch^* and lab^*icu^*

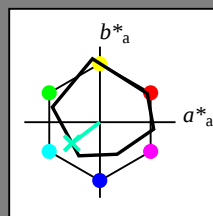
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -36 -27

$LAB^*LCH^*_{Ma}$: 58 46 217

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.74

triangle lightness t^*

%Gamut

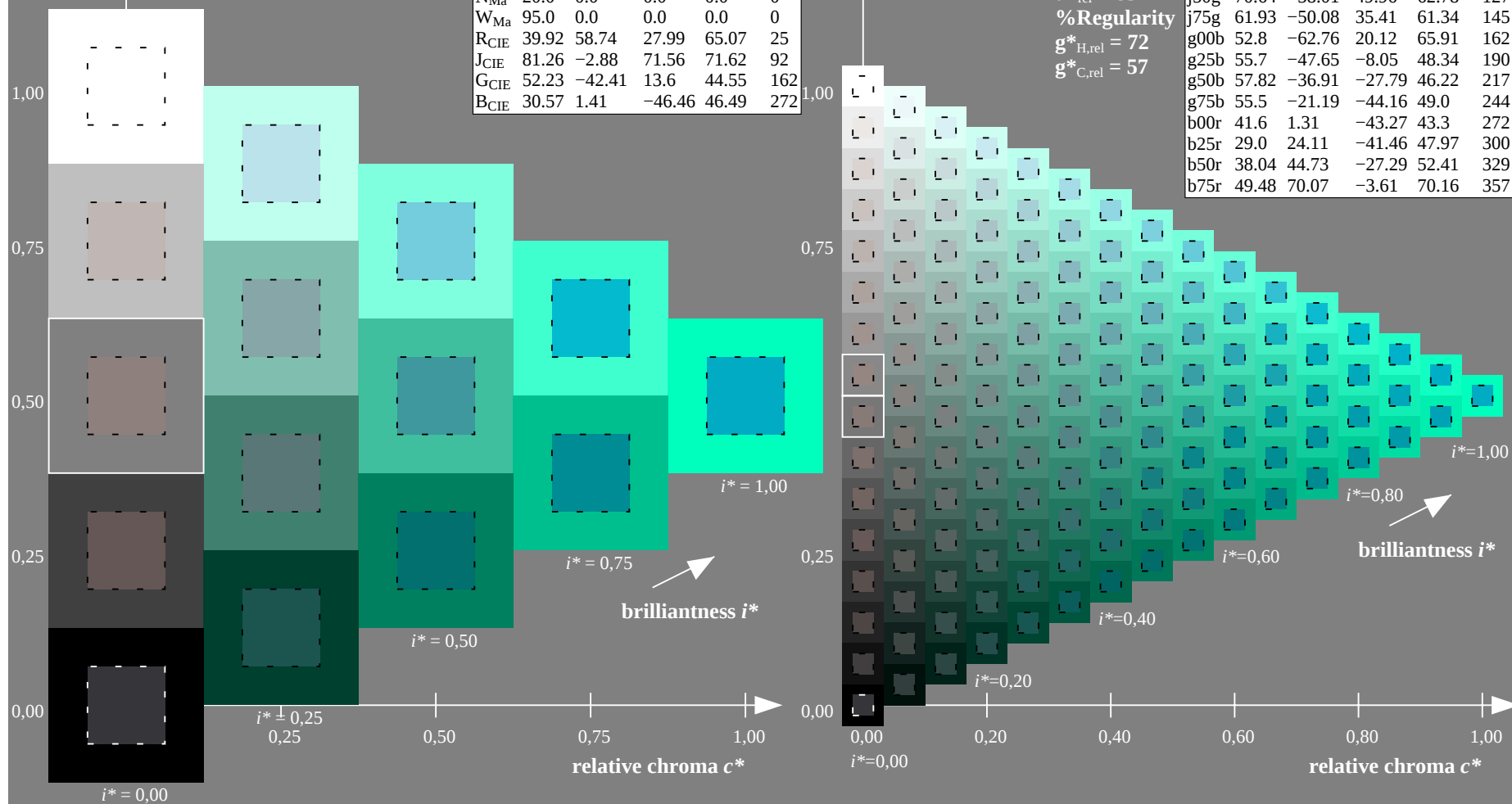
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:

lab^*tch^* and lab^*icu^*

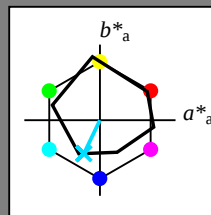
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -20 -43

$LAB^*LCH^*_{Ma}$: 55 49 244

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

$lab^*olv^*_{Ma}$: 0.0 0.87 1.0

triangle lightness t^*

%Gamut

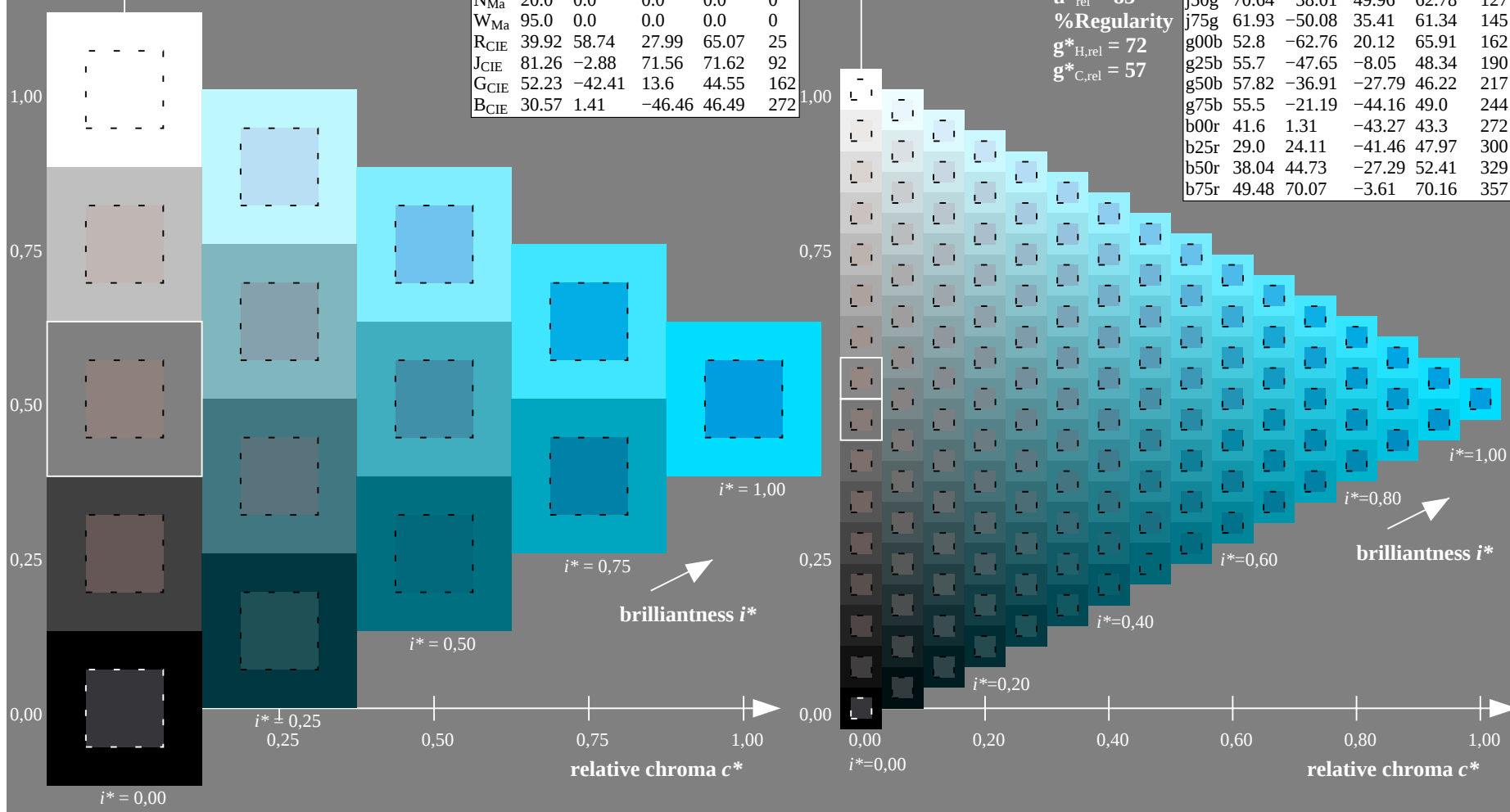
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

lab^*tch^* and lab^*icu^*

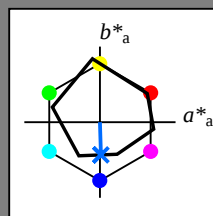
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -42

$LAB^*LCH^*_{Ma}$: 42 43 272

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

$lab^*olv^*_{Ma}$: 0.0 0.42 1.0

triangle lightness t^*

%Gamut

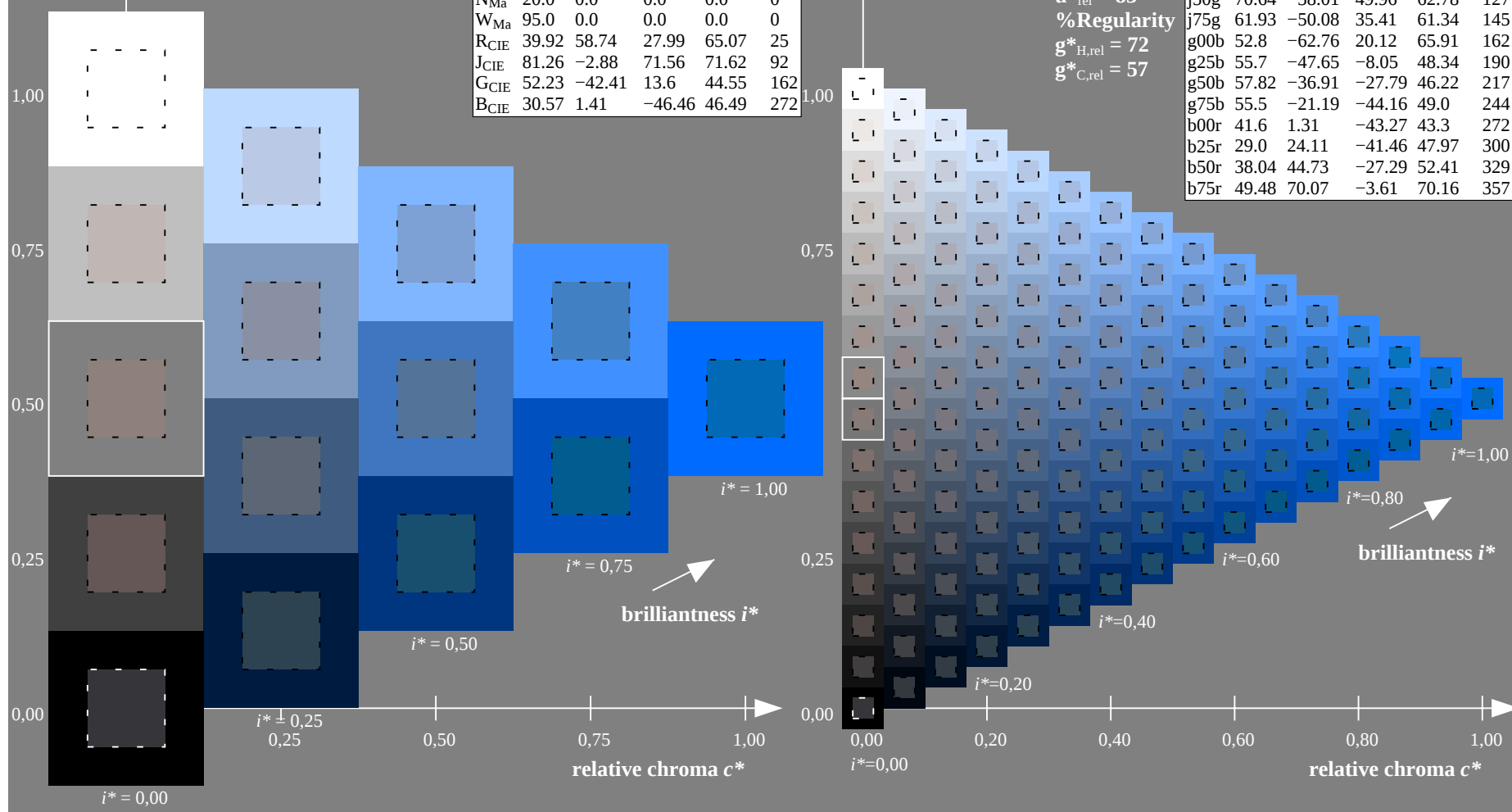
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

lab^*tch^* and lab^*icu^*

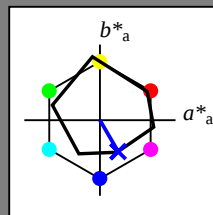
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 24 -40

$LAB^*LCH^*_{Ma}$: 29 48 300

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

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

triangle lightness t^*

%Gamut

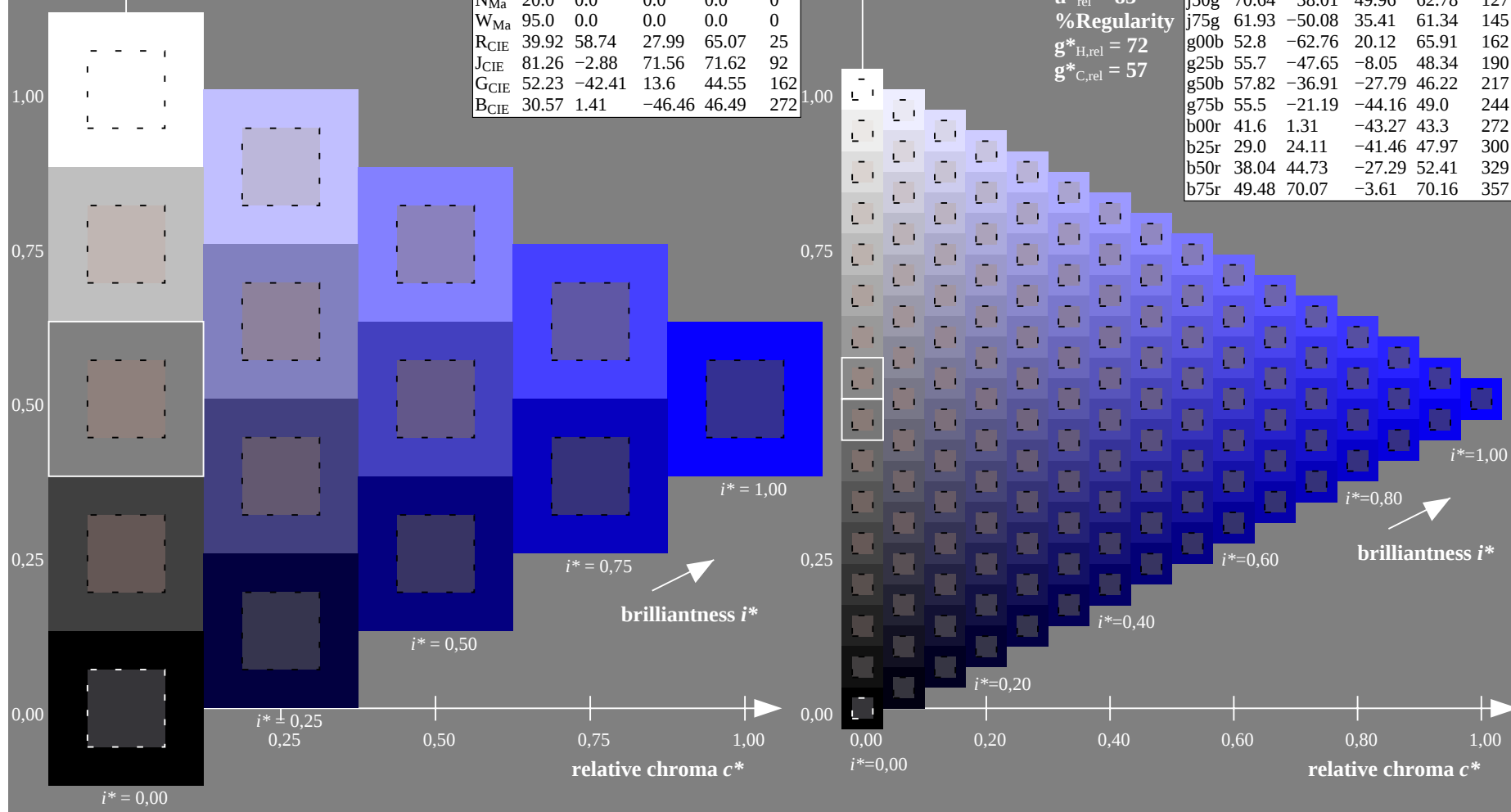
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

lab^*tch^* and lab^*icu^*

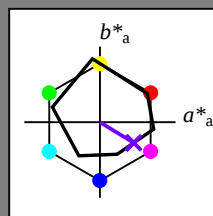
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 45 -26

$LAB^*LCH^*_{Ma}$: 38 52 329

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

$lab^*olv^*_{Ma}$: 0.46 0.0 1.0

triangle lightness t^*

%Gamut

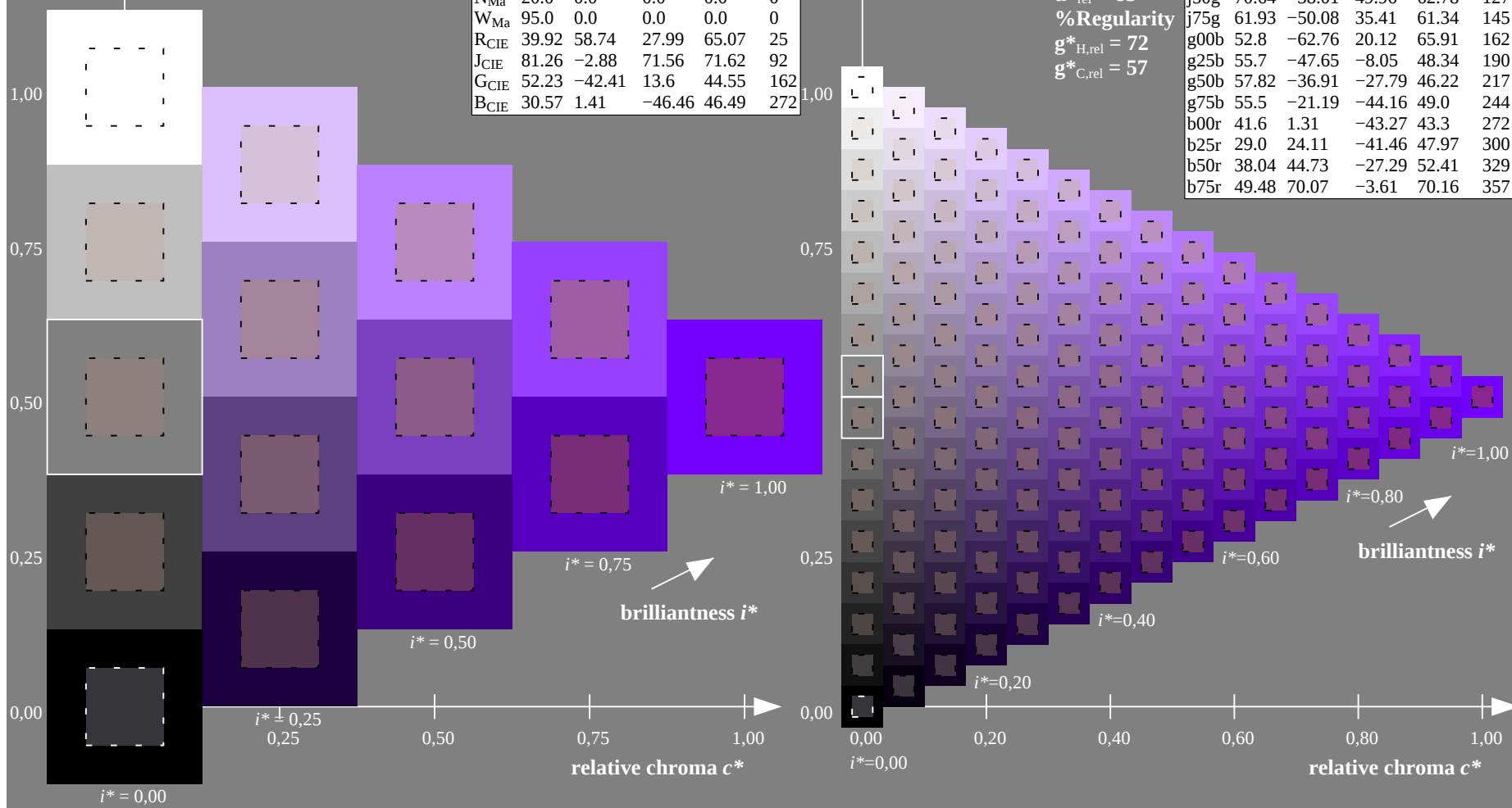
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

lab^*tch^* and lab^*icu^*

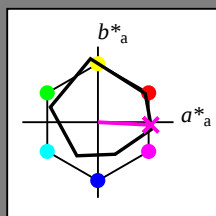
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 70 -3

$LAB^*LCH^*_{Ma}$: 49 70 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.88

triangle lightness t^*

%Gamut

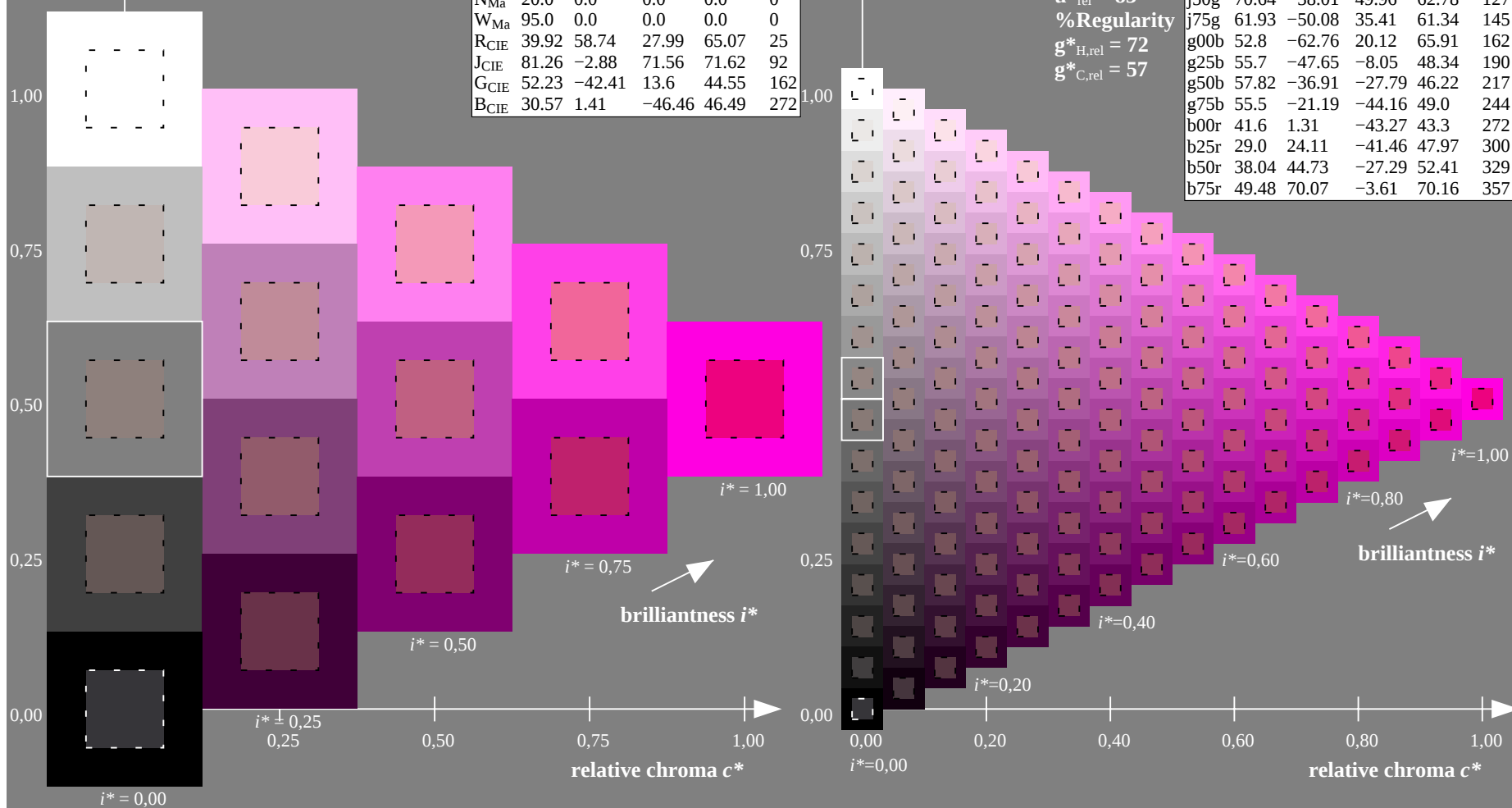
$u^*_{rel} = 83$

%Regularity

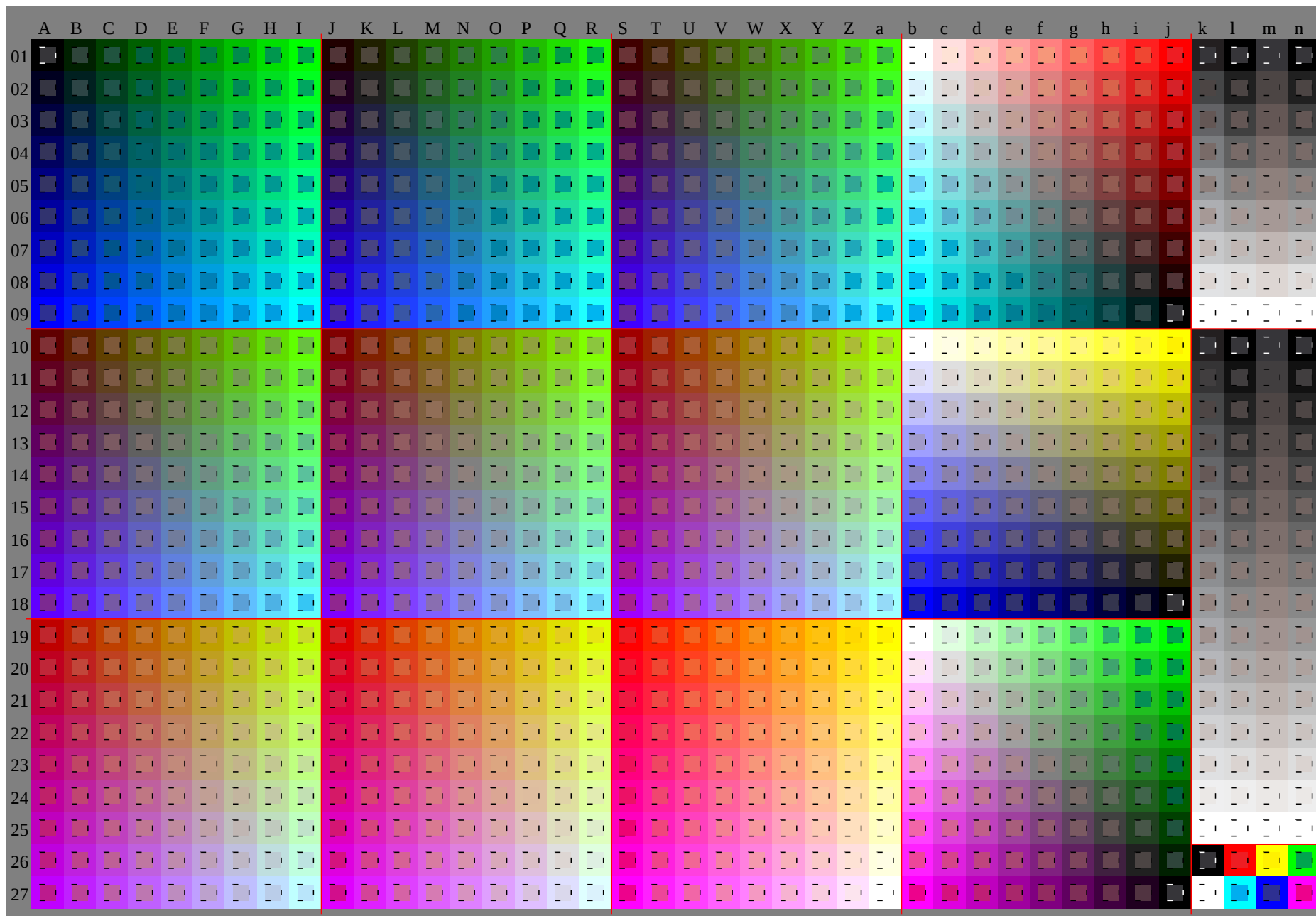
$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357

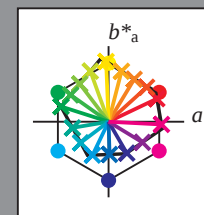


See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de/De73/> Version 2.1, io=1,1, ColSpX=1



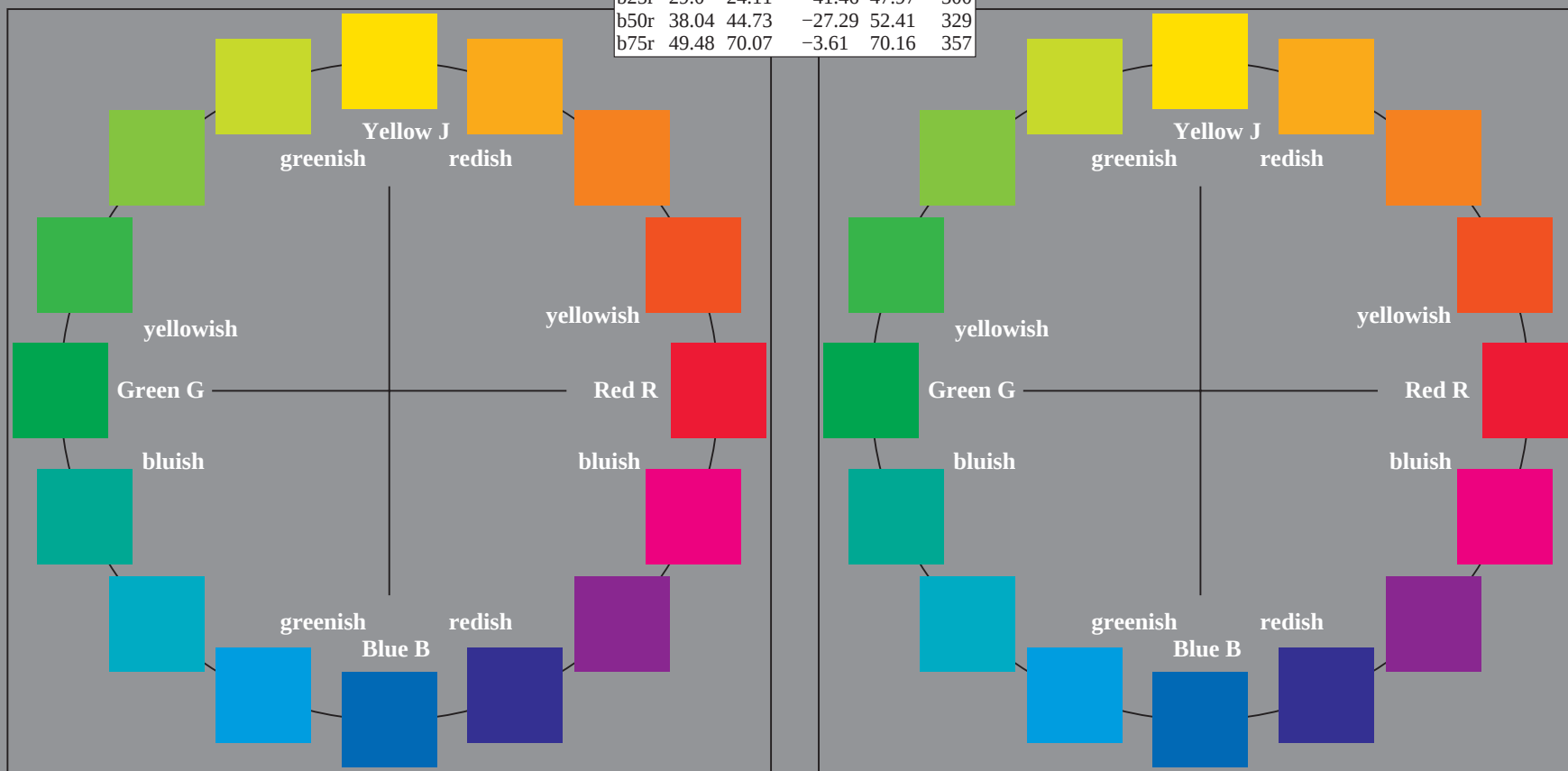
Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
 $lab^{*}tch^{*}$ and $lab^{*}icu^{*}$
elementary hue text:
 $u^{*} = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data					
	$L^{*}=L^{*}_a$	a^{*}_a	b^{*}_a	$C^{*}_{ab,a}$	$h^{*}_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



%Gamut
 $u^{*}_{rel} = 83$
%Regularity
 $g^{*}_{H,rel} = 72$
 $g^{*}_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data					
	$L^{*}=L^{*}_a$	a^{*}_a	b^{*}_a	$C^{*}_{ab,a}$	$h^{*}_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

lab^*tch^* and lab^*icu^*

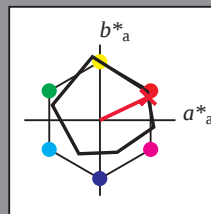
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 64 30

$LAB^*LCH^*_{Ma}$: 49 71 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.16

triangle lightness t^*

%Gamut

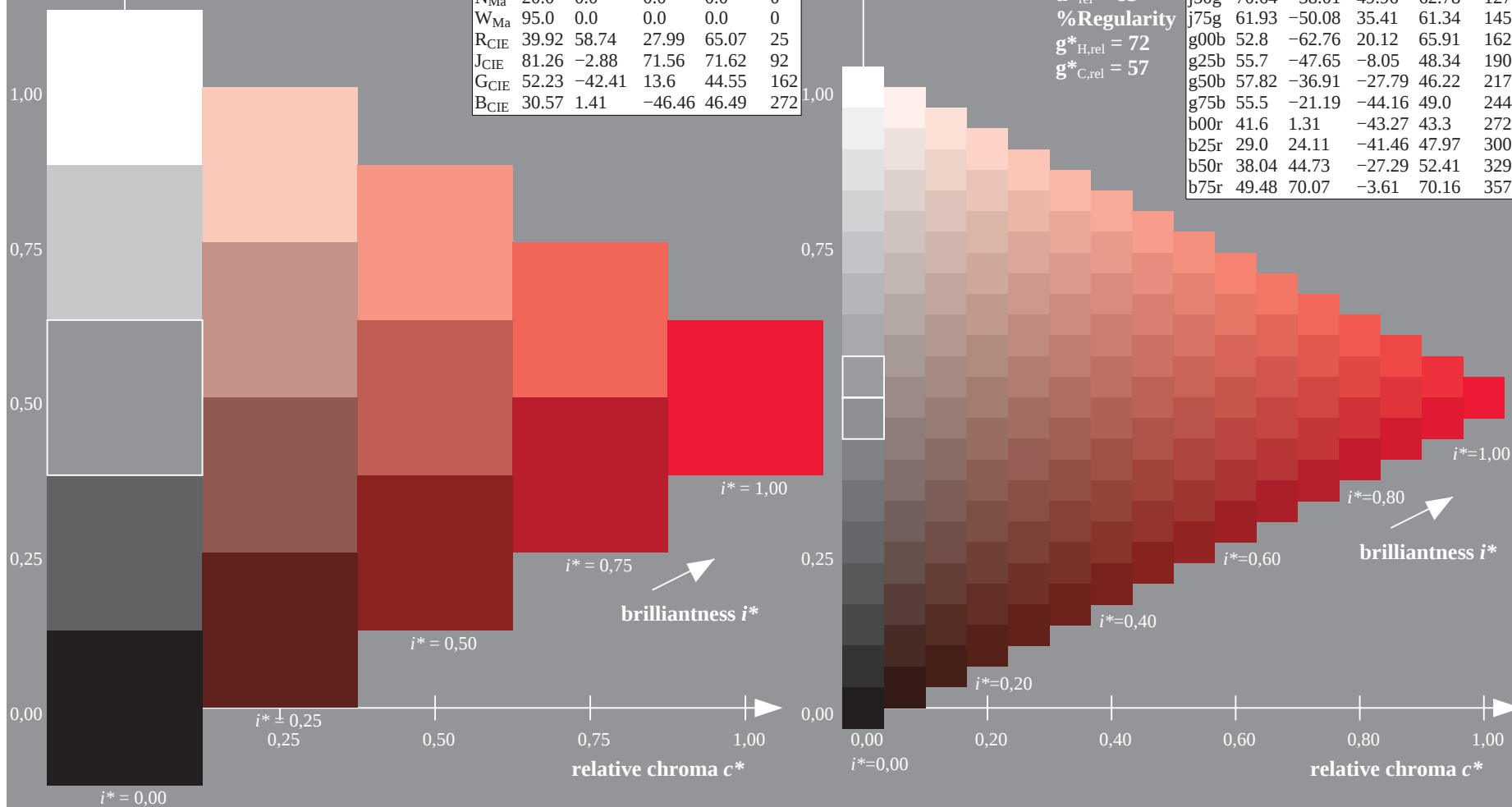
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

lab^*tch^* and lab^*icu^*

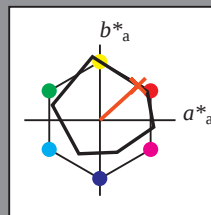
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 50 46

$LAB^*LCH^*_{Ma}$: 56 68 42

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

$lab^*olv^*_{Ma}$: 1.0 0.17 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

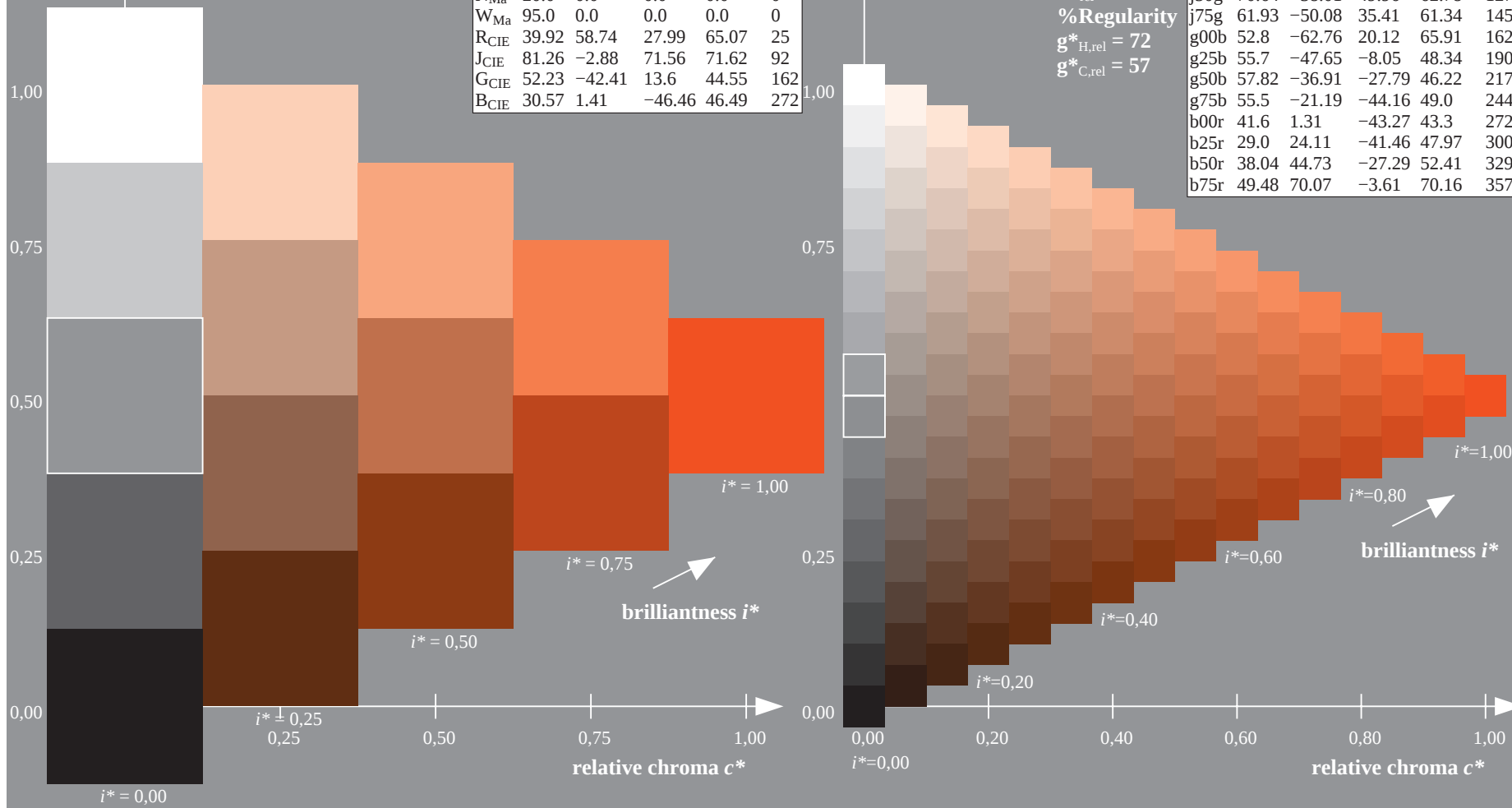
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

lab^*tch^* and lab^*icu^*

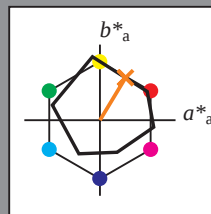
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^* = \bar{L}^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 65 34 56

$LAB^*LCH^*_{Ma}$: 65 66 59

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

$lab^*olv^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

%Gamut

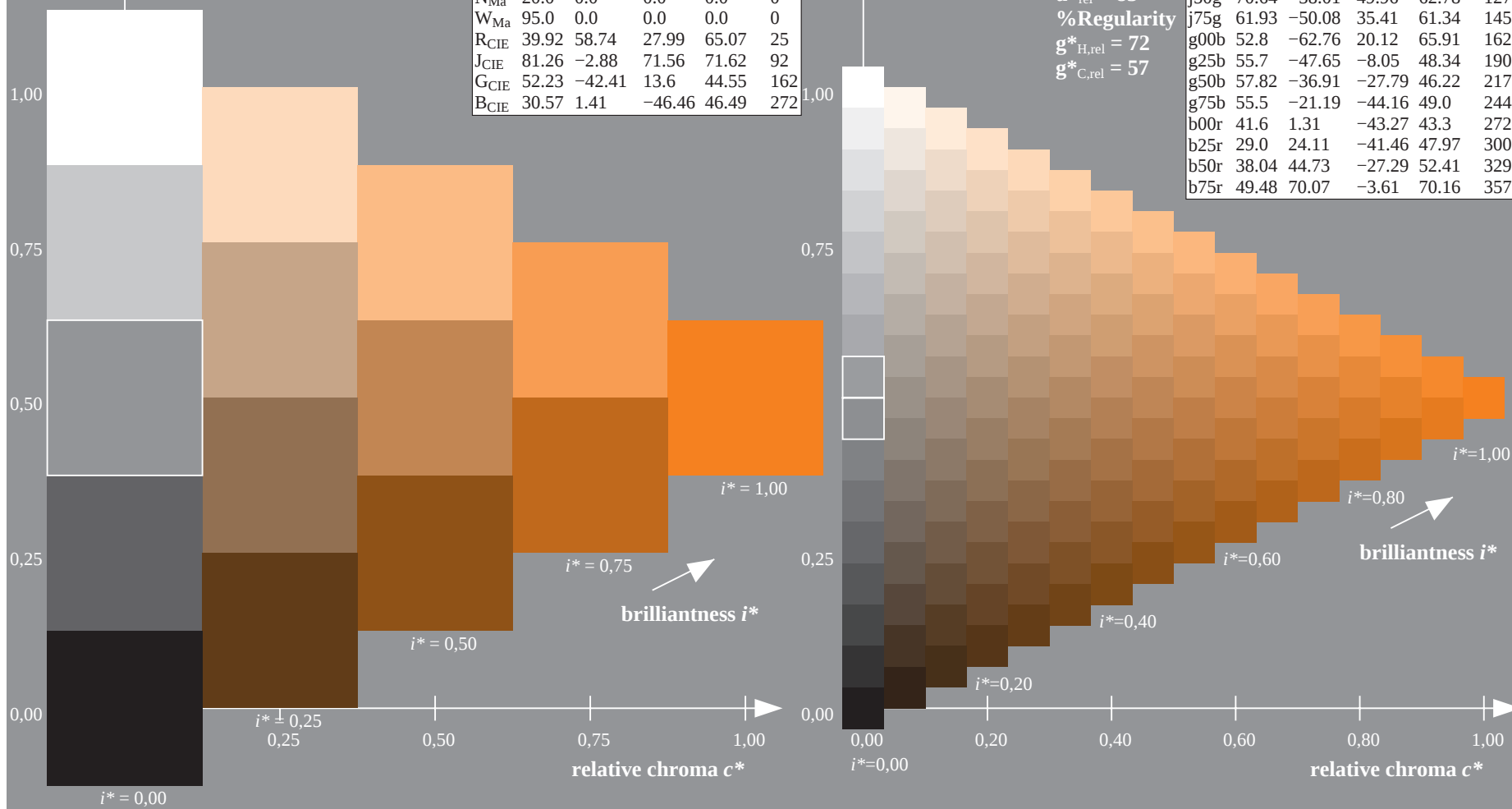
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^* = \bar{L}^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

lab^*tch^* and lab^*icu^*

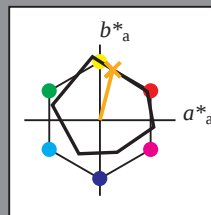
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 17 67

$LAB^*LCH^*_{Ma}$: 75 69 76

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

$lab^*olv^*_{Ma}$: 1.0 0.63 0.0

triangle lightness t^*

%Gamut

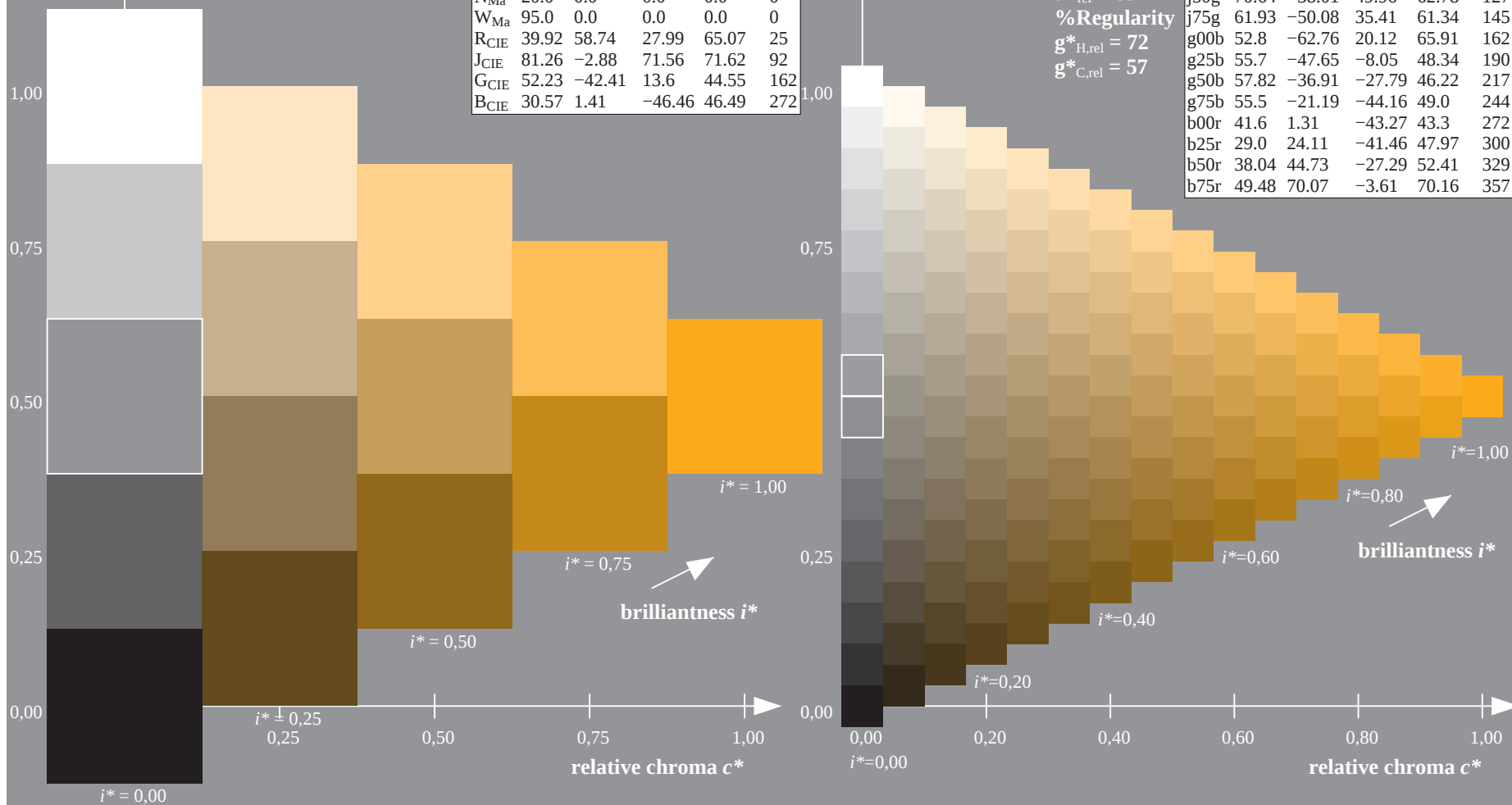
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

lab^*tch^* and lab^*icu^*

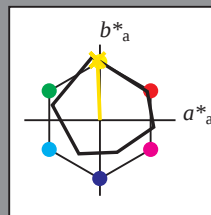
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 87 -2 80

$LAB^*LCH^*_{Ma}$: 87 80 92

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

$lab^*olv^*_{Ma}$: 1.0 0.91 0.0

triangle lightness t^*

%Gamut

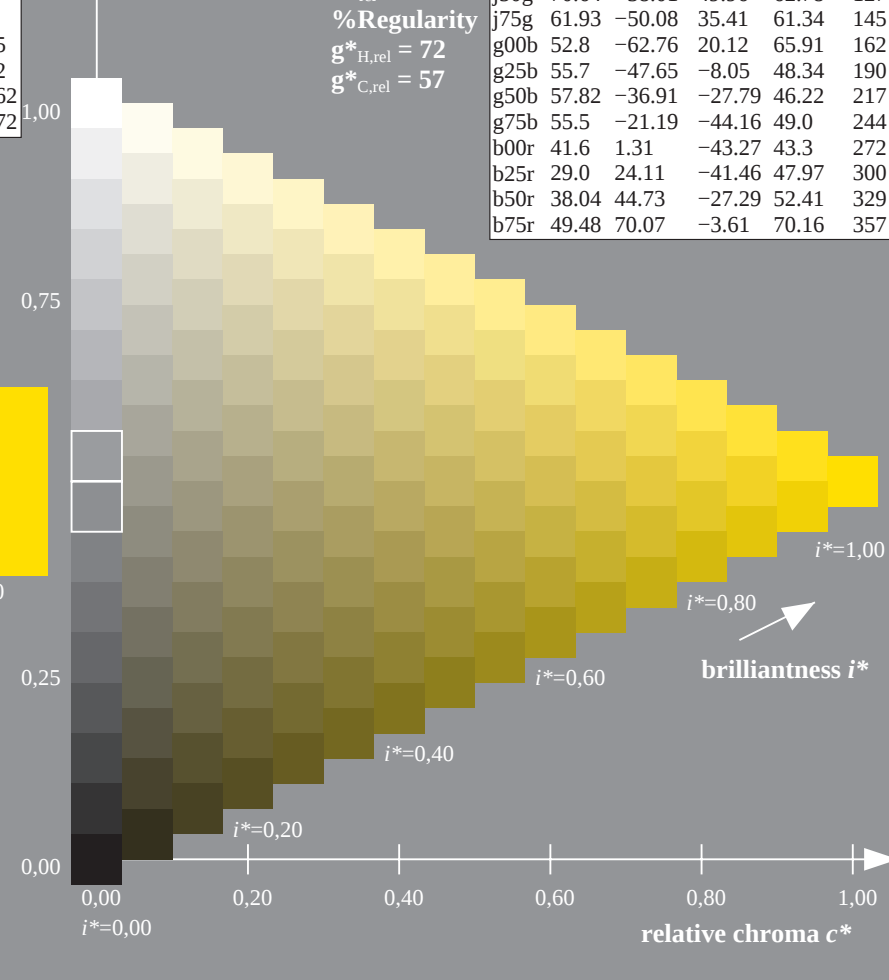
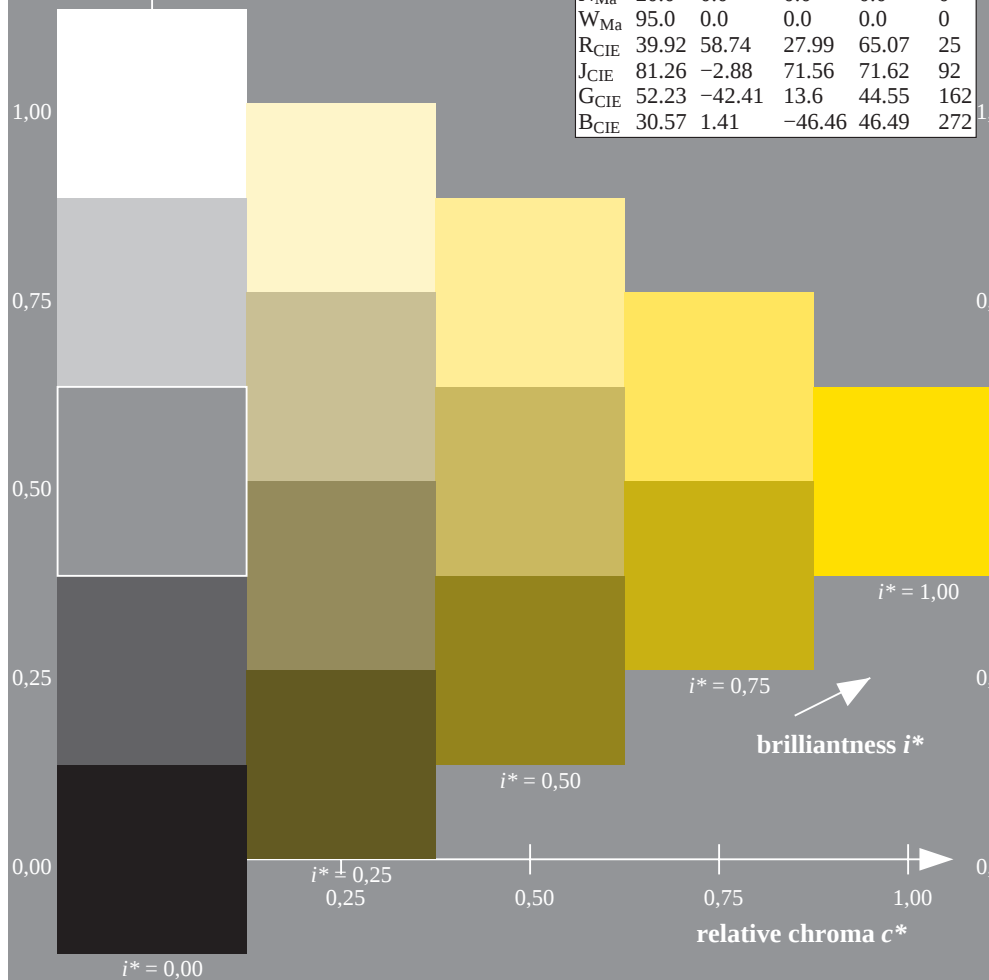
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

lab^*tch^* and lab^*icu^*

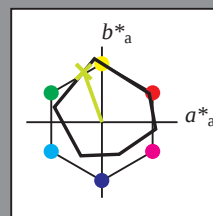
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^* = \bar{L}^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -23 67

$LAB^*LCH^*_{Ma}$: 81 71 110

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

$lab^*olv^*_{Ma}$: 0.73 1.0 0.0

triangle lightness t^*

%Gamut

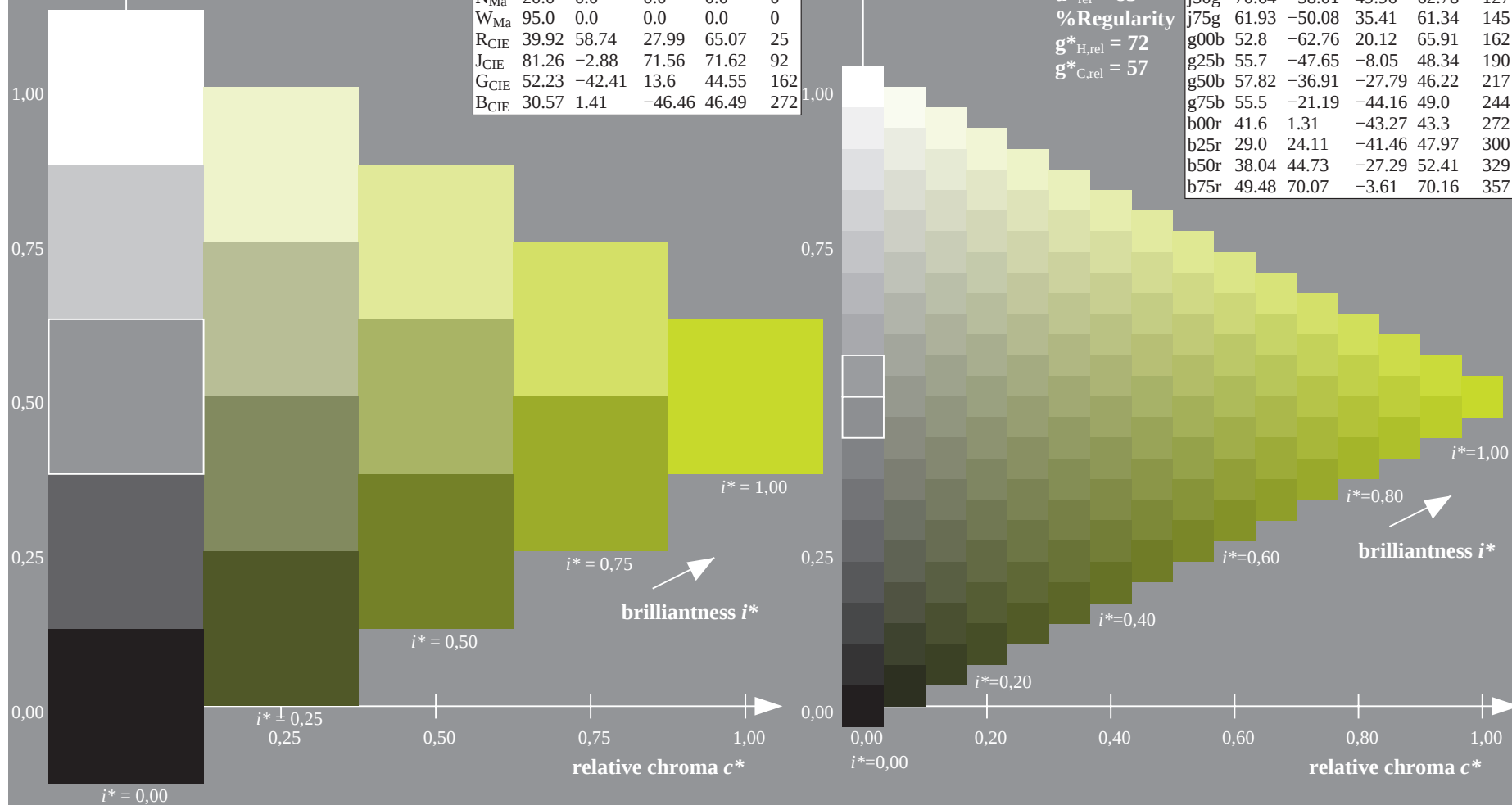
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^* = \bar{L}^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

lab^*tch^* and lab^*icu^*

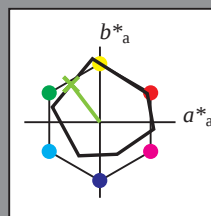
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -37 50

$LAB^*LCH^*_{Ma}$: 71 63 127

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

$lab^*olv^*_{Ma}$: 0.47 1.0 0.0

triangle lightness t^*

%Gamut

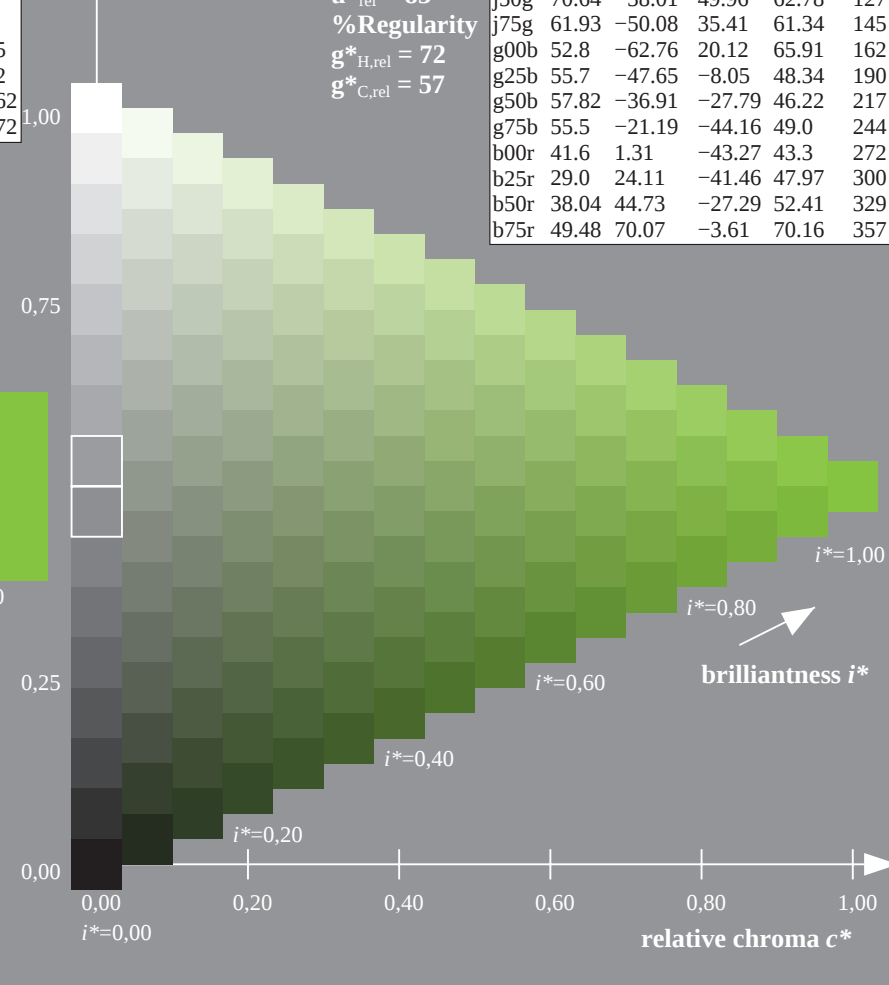
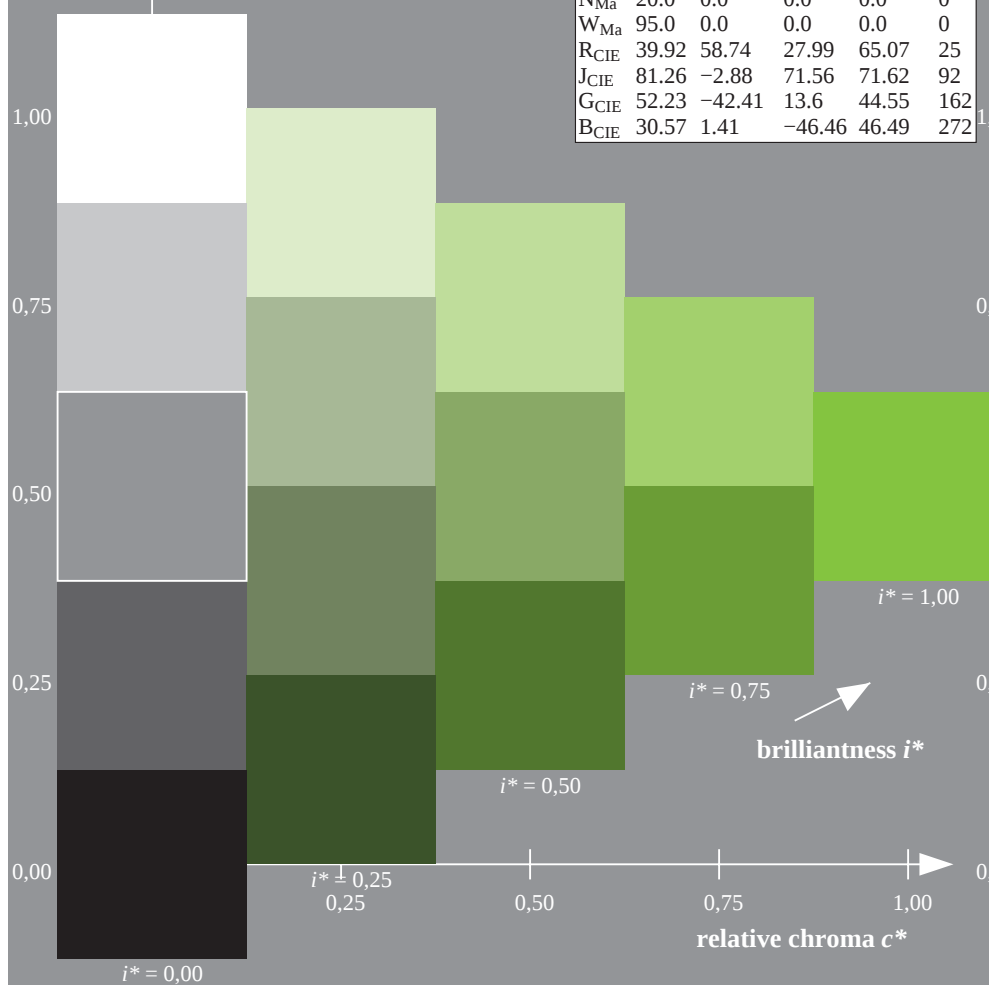
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

lab^*tch^* and lab^*icu^*

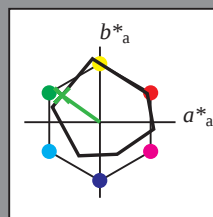
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -49 35

$LAB^*LCH^*_{Ma}$: 62 61 145

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

$lab^*olv^*_{Ma}$: 0.24 1.0 0.0

triangle lightness t^*

%Gamut

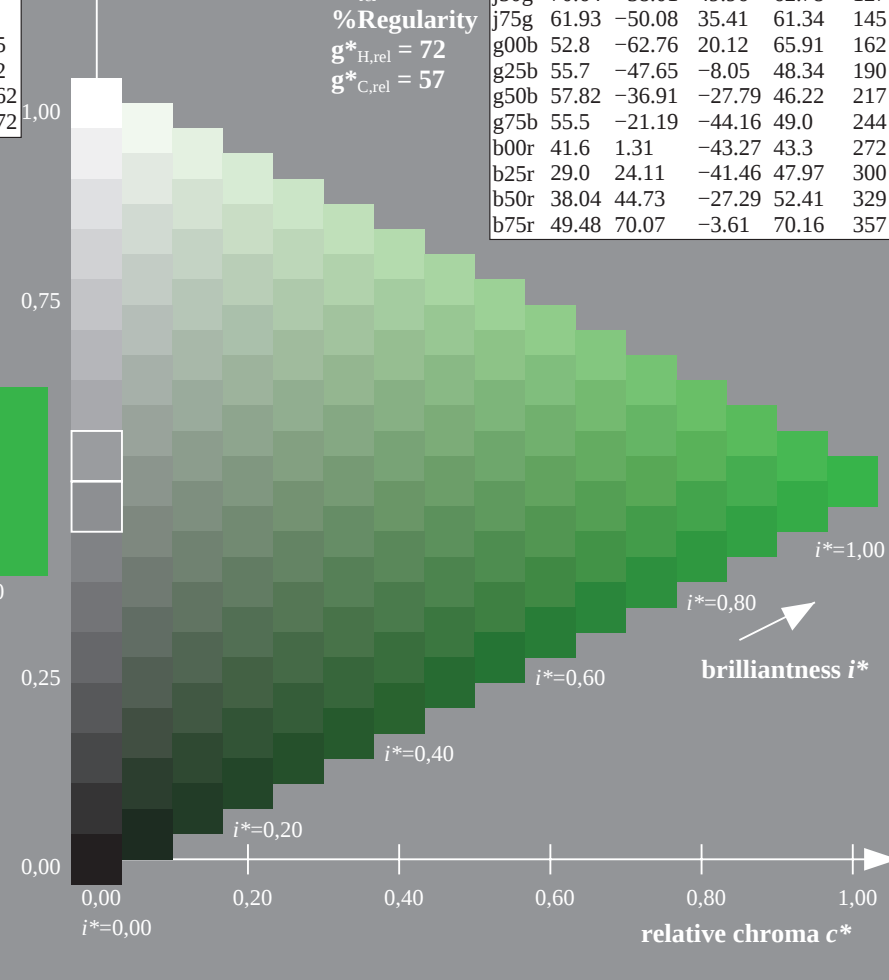
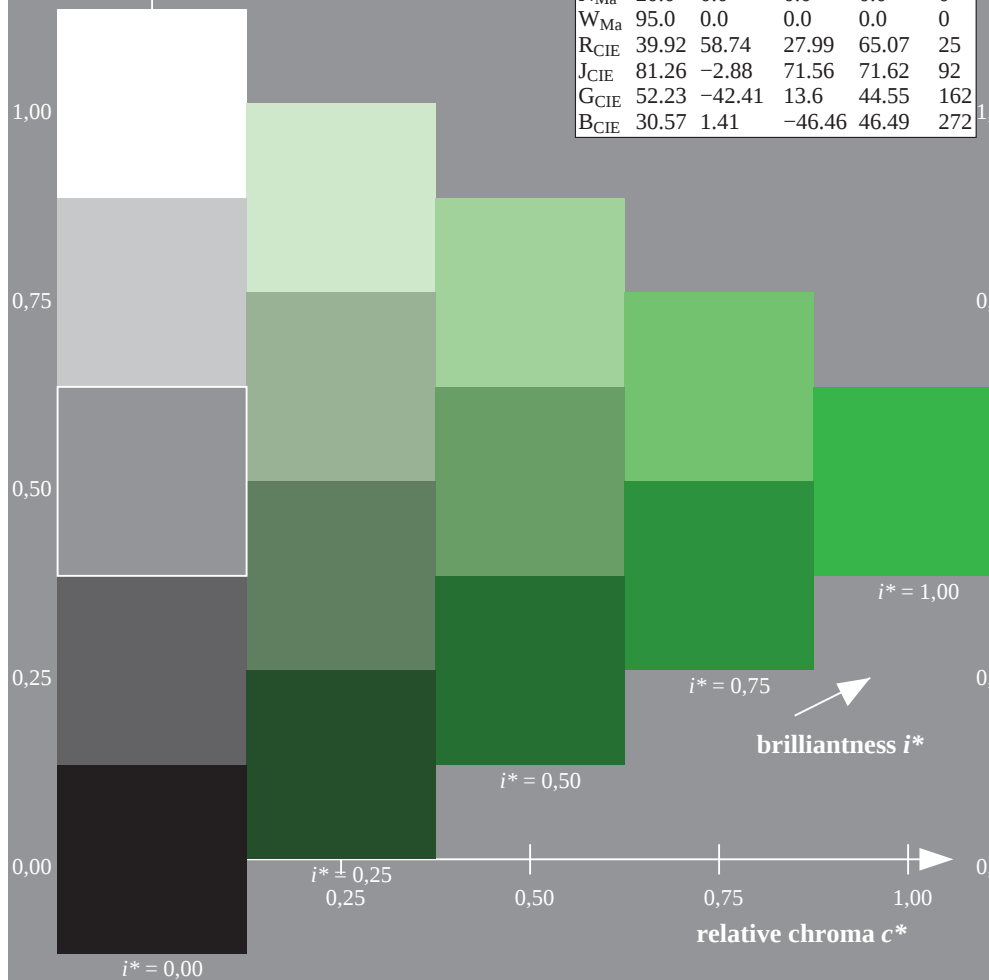
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

lab^*tch^* and lab^*icu^*

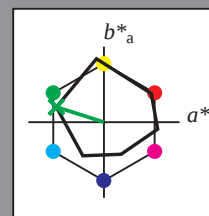
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 53 -62 20

$LAB^*LCH^*_{Ma}$: 53 66 162

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

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

triangle lightness t^*

%Gamut

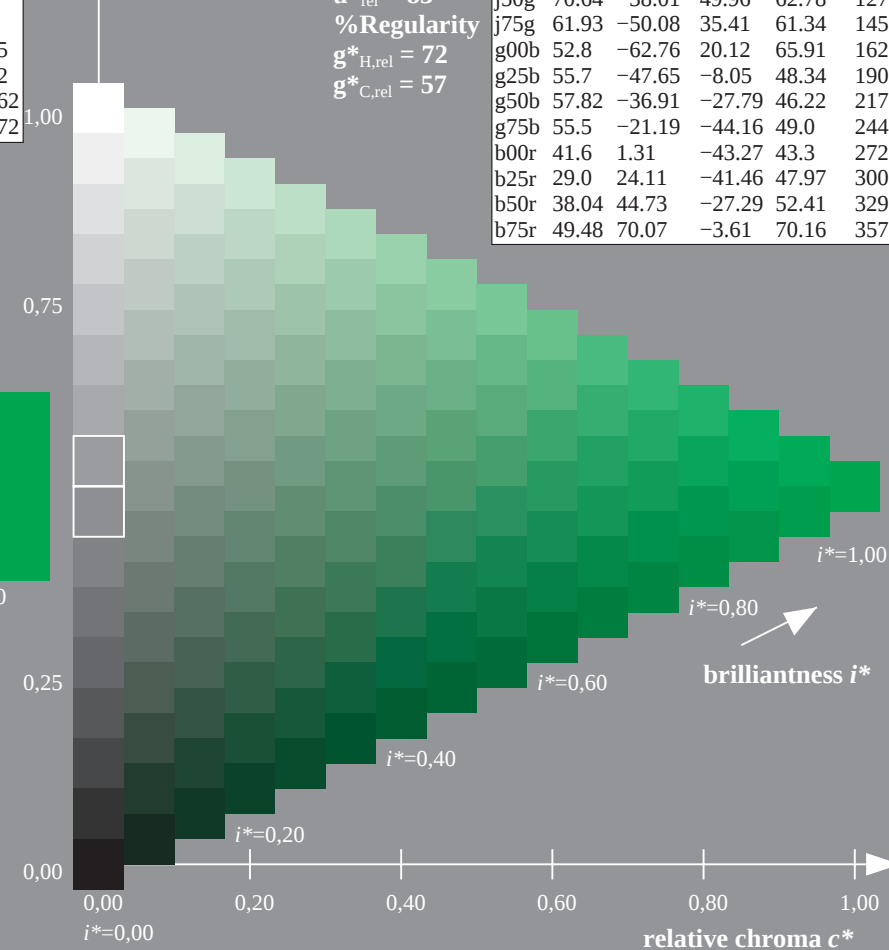
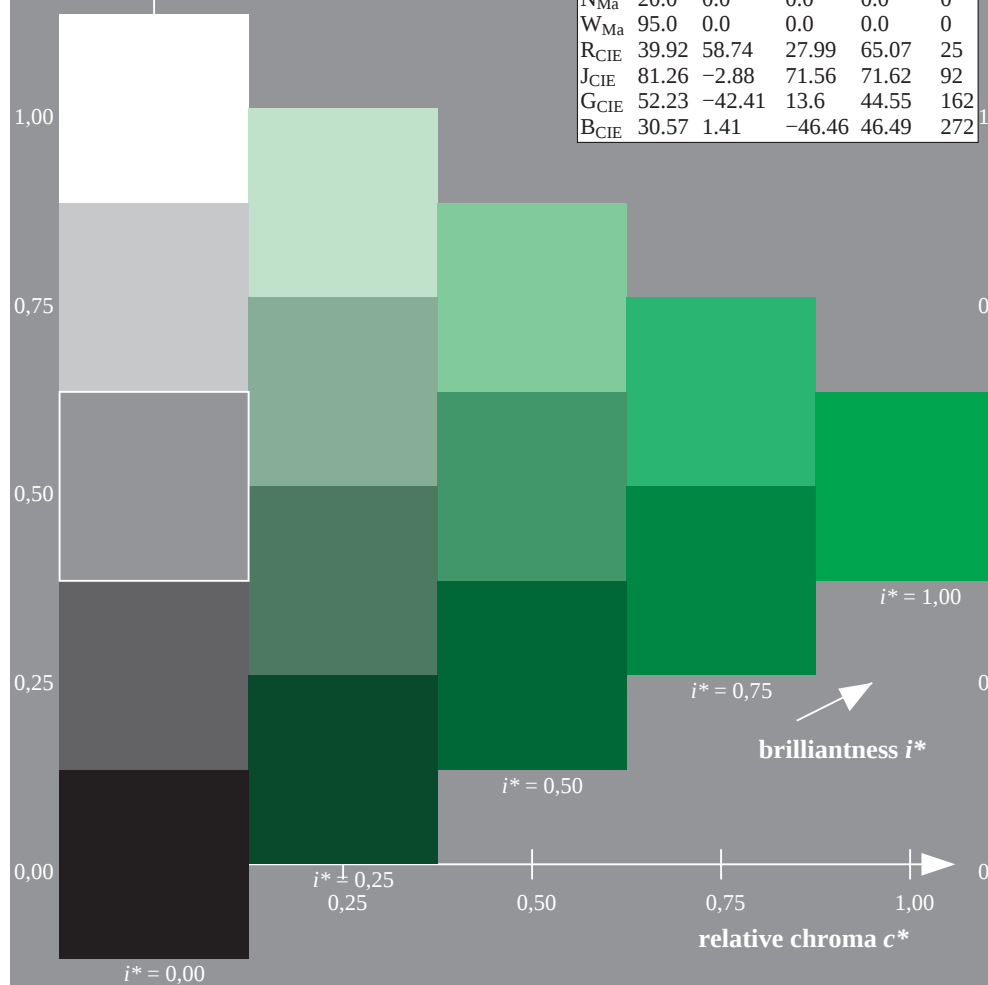
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

lab^*tch^* and lab^*icu^*

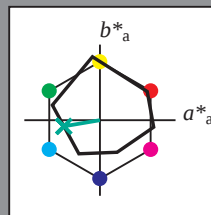
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -47 -7

$LAB^*LCH^*_{Ma}$: 56 48 190

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.44

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

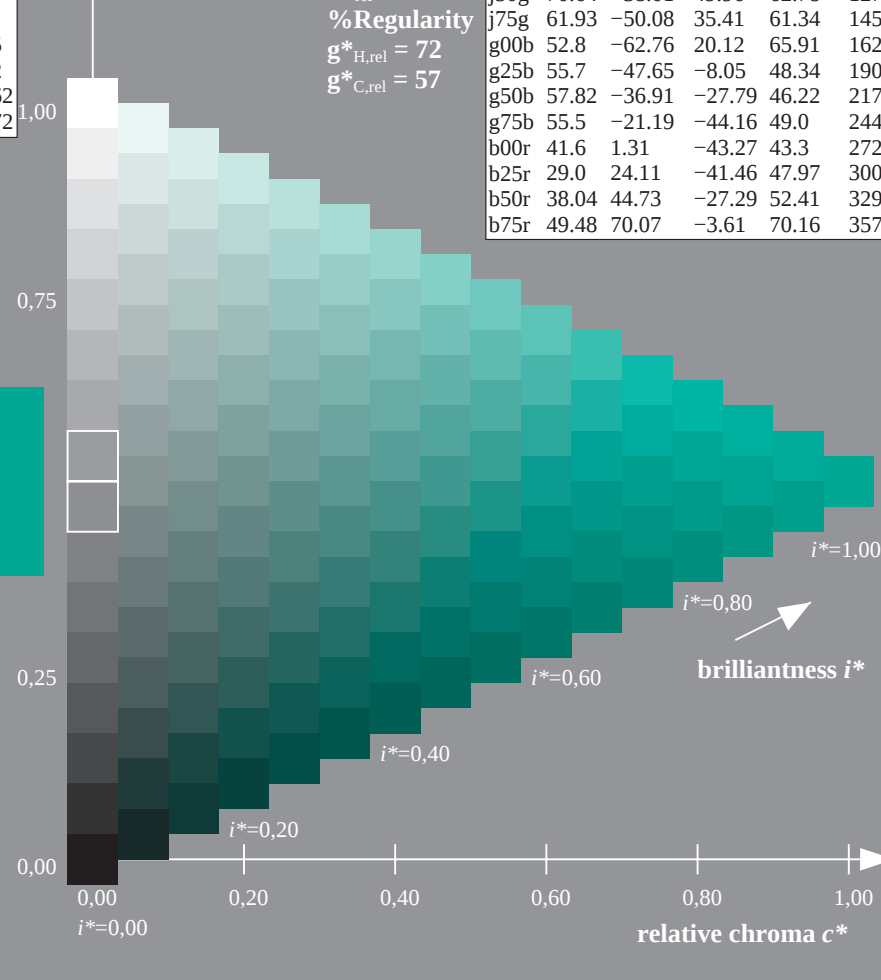
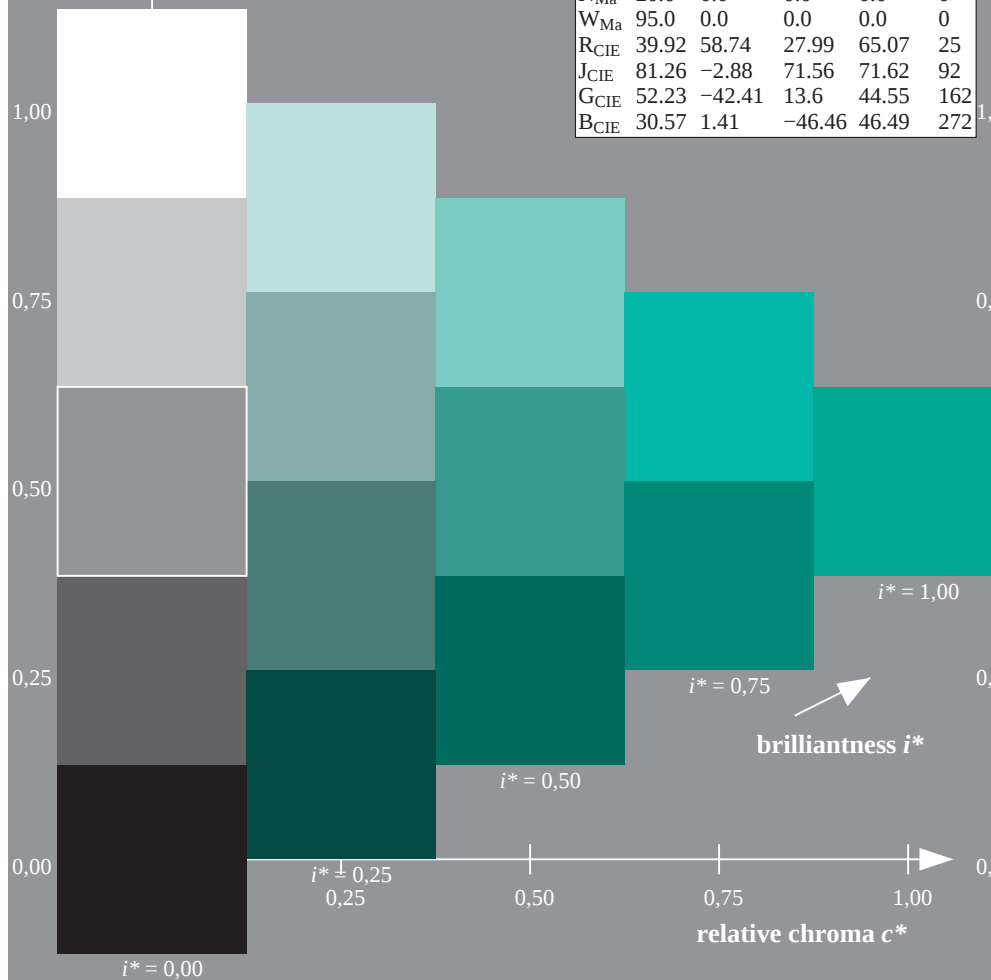
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

lab^*tch^* and lab^*icu^*

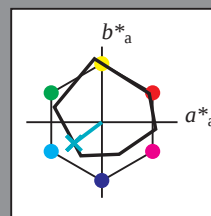
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -36 -27

$LAB^*LCH^*_{Ma}$: 58 46 217

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.74

triangle lightness t^*

%Gamut

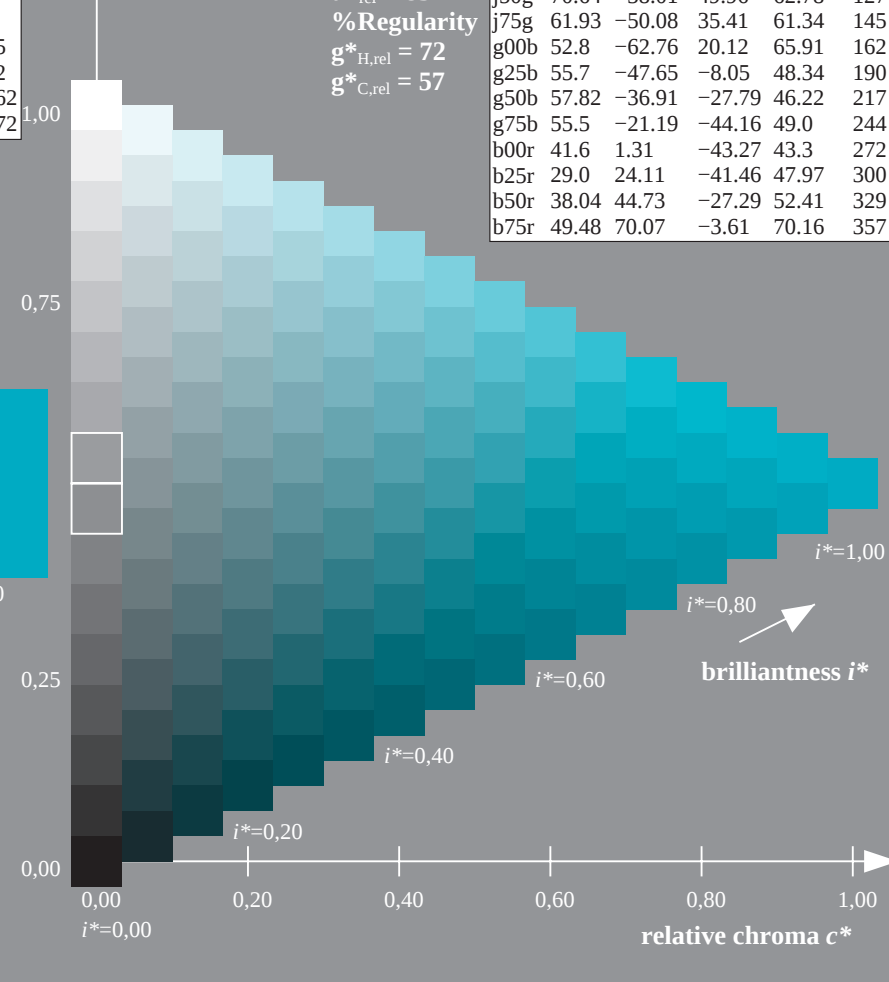
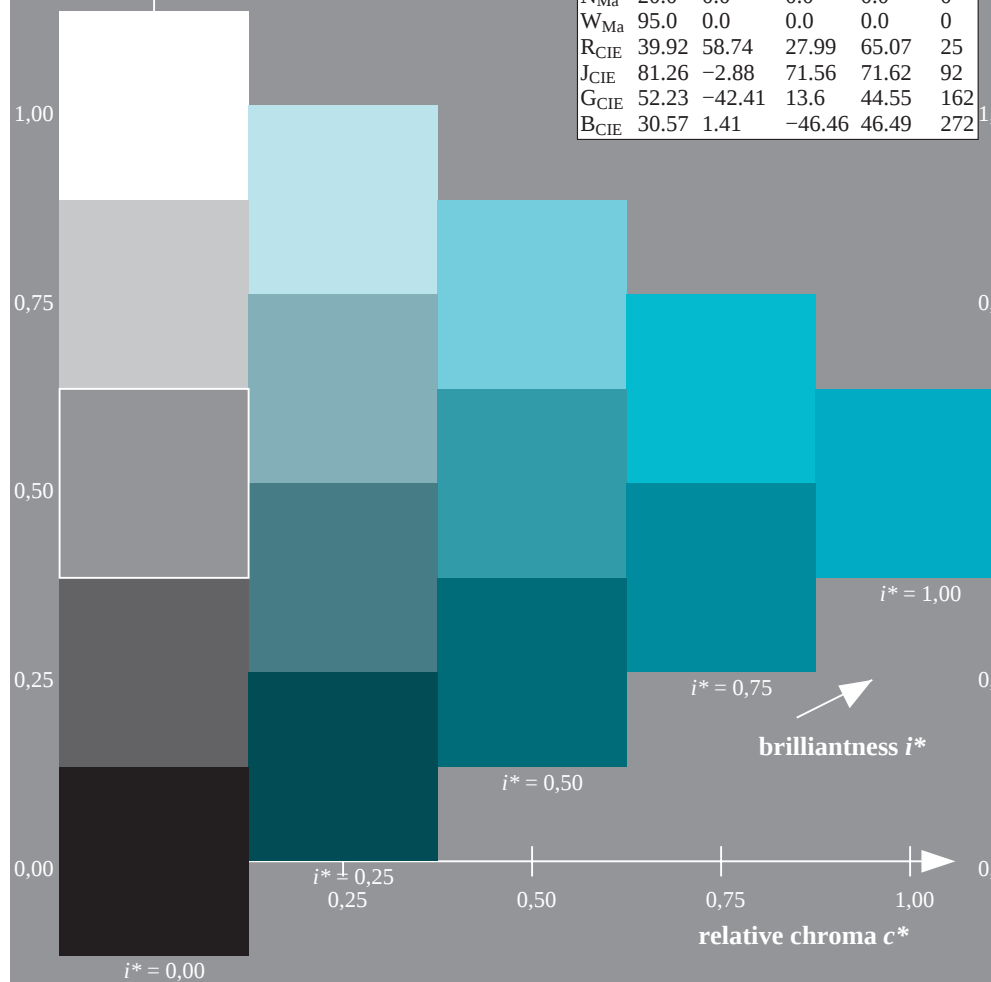
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:

lab^*tch^* and lab^*icu^*

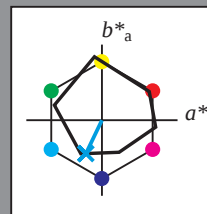
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -20 -43

$LAB^*LCH^*_{Ma}$: 55 49 244

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

$lab^*olv^*_{Ma}$: 0.0 0.87 1.0

triangle lightness t^*

%Gamut

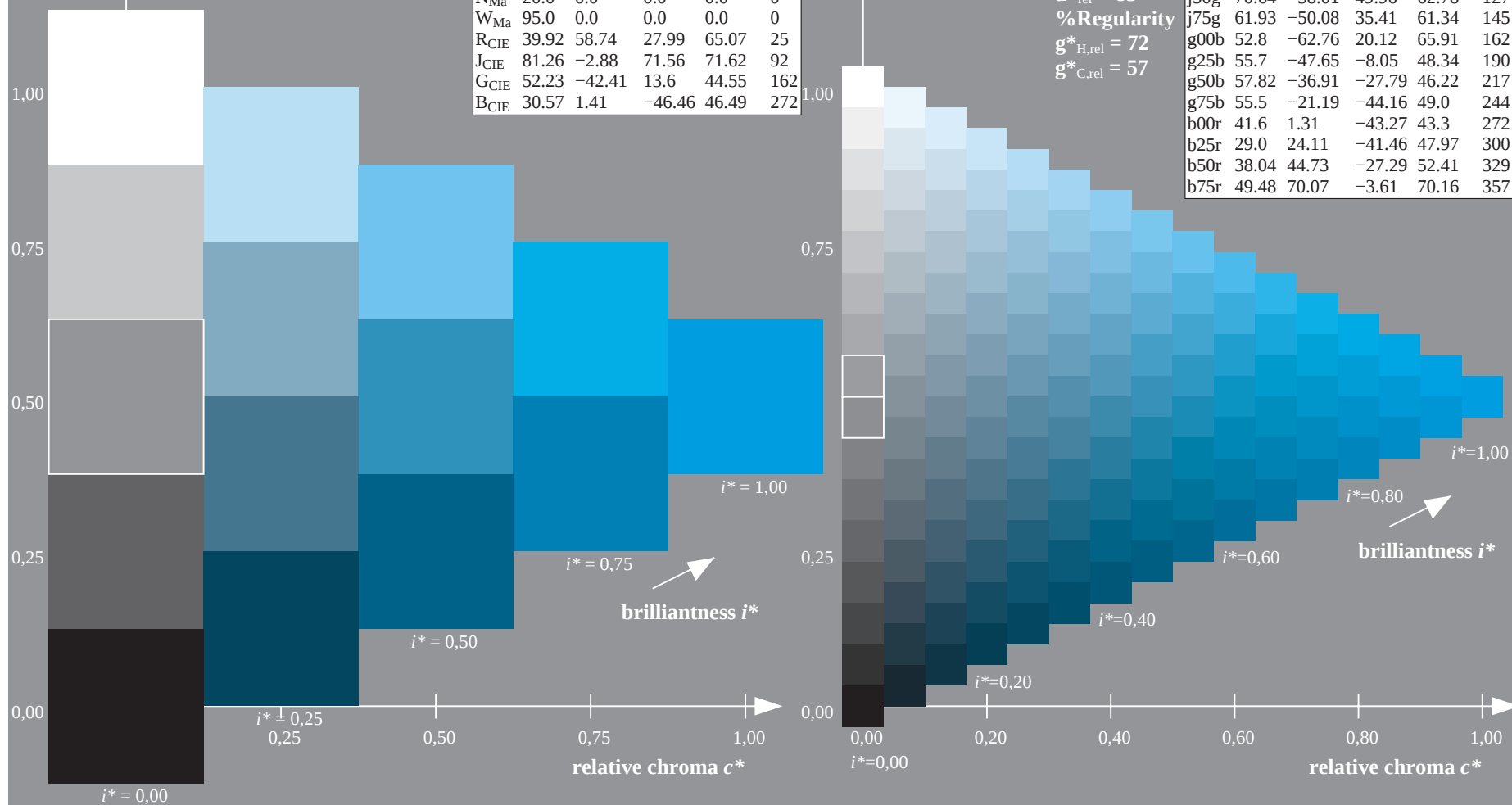
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

lab^*tch^* and lab^*icu^*

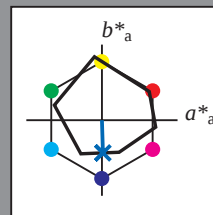
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -42

$LAB^*LCH^*_{Ma}$: 42 43 272

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

$lab^*olv^*_{Ma}$: 0.0 0.42 1.0

triangle lightness t^*

%Gamut

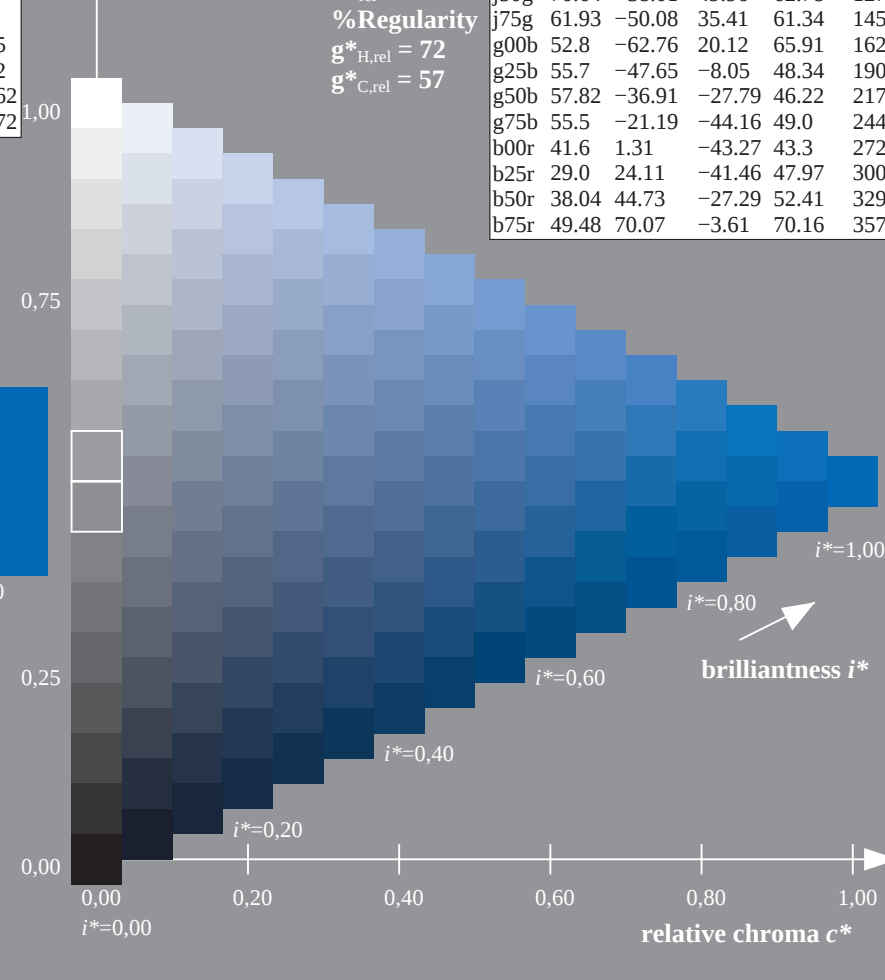
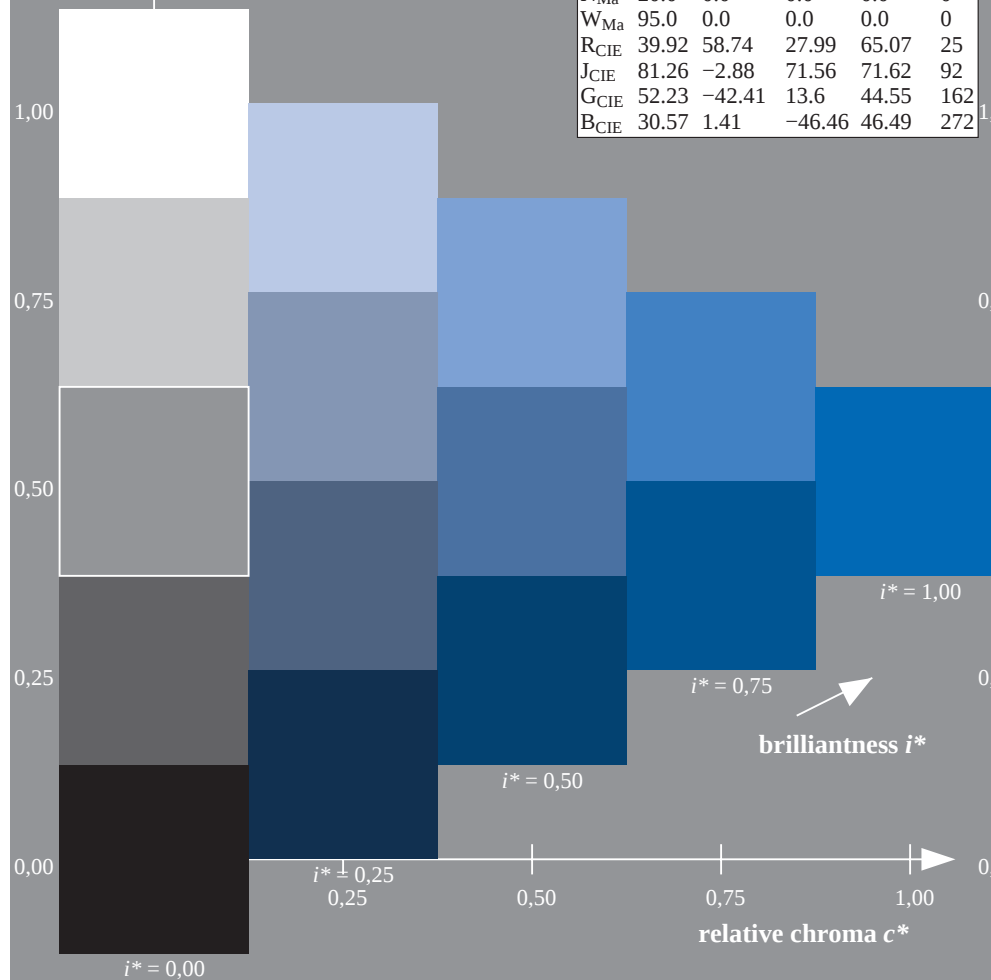
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

lab^*tch^* and lab^*icu^*

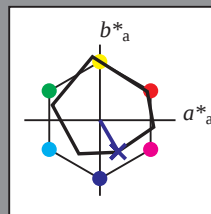
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 24 -40

$LAB^*LCH^*_{Ma}$: 29 48 300

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

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

triangle lightness t^*

%Gamut

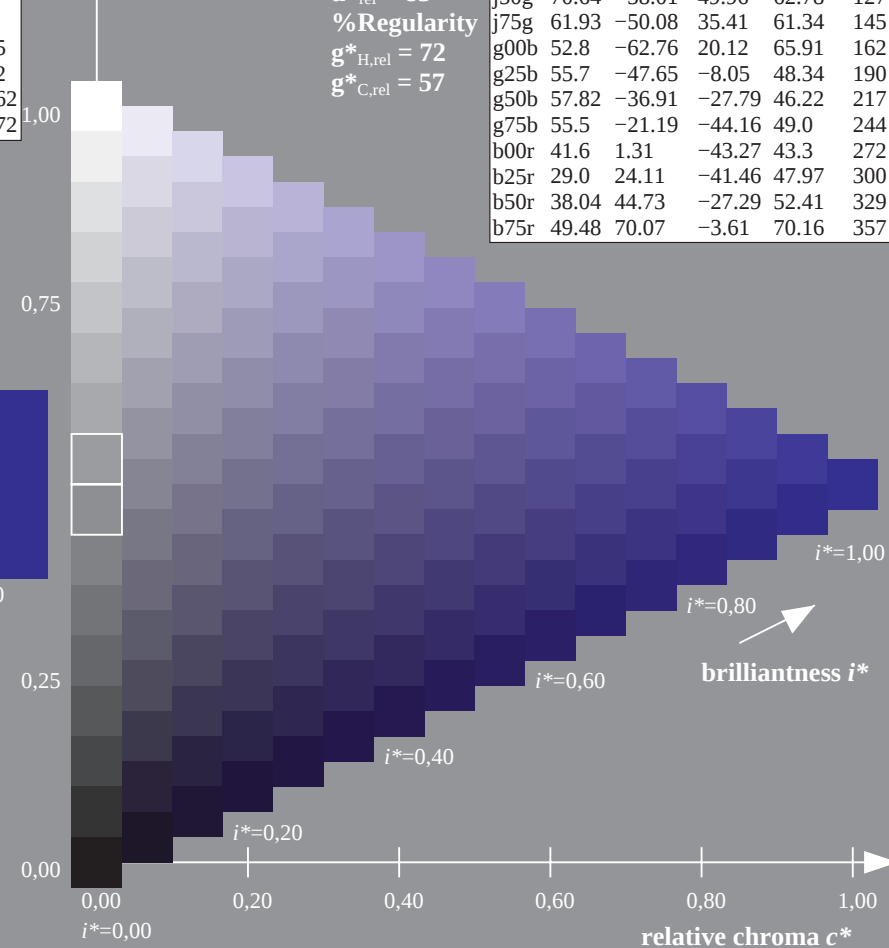
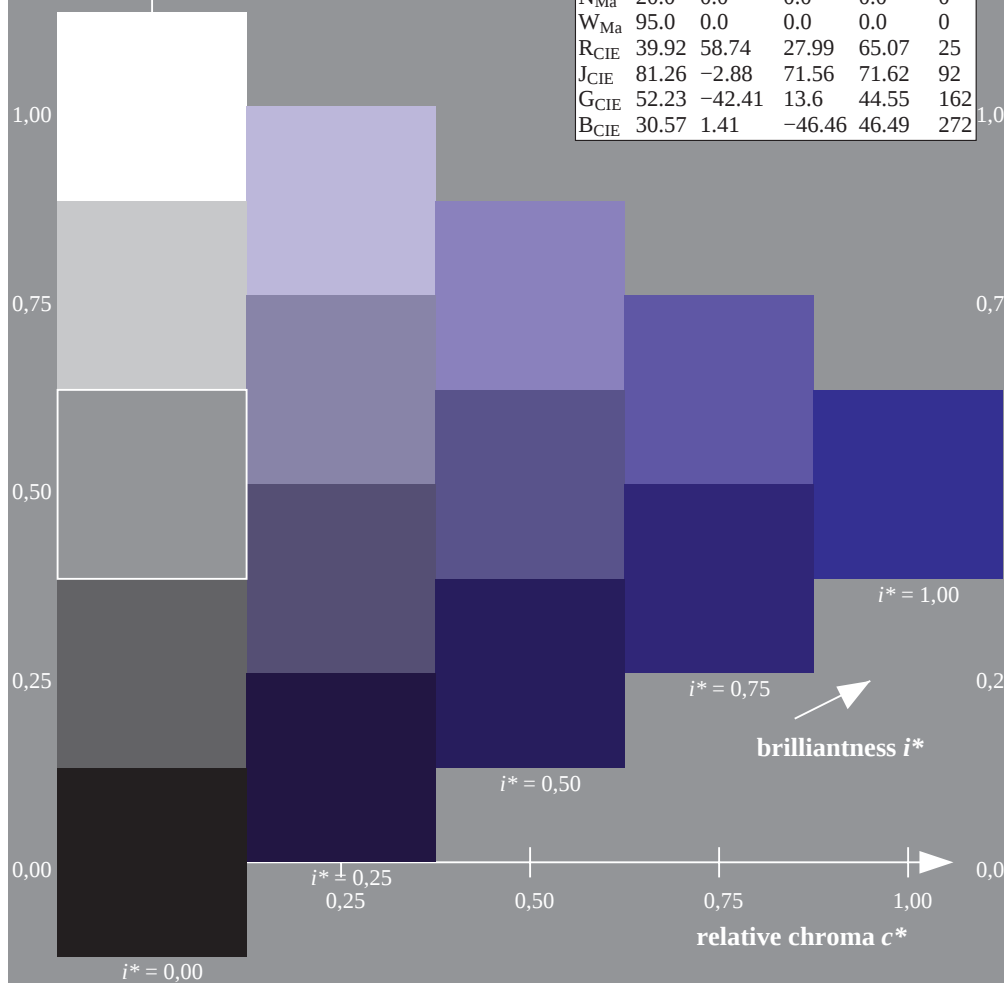
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

lab^*tch^* and lab^*icu^*

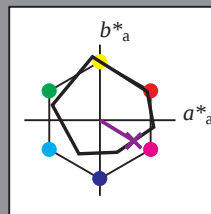
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 45 -26

$LAB^*LCH^*_{Ma}$: 38 52 329

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

$lab^*olv^*_{Ma}$: 0.46 0.0 1.0

triangle lightness t^*

%Gamut

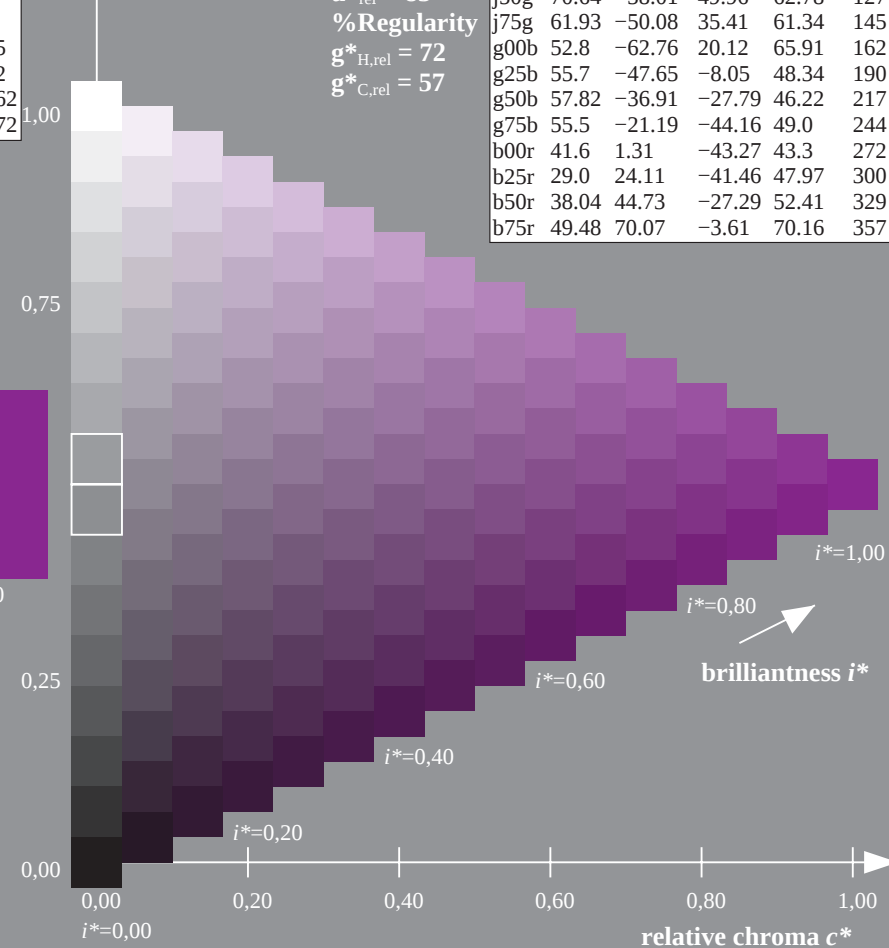
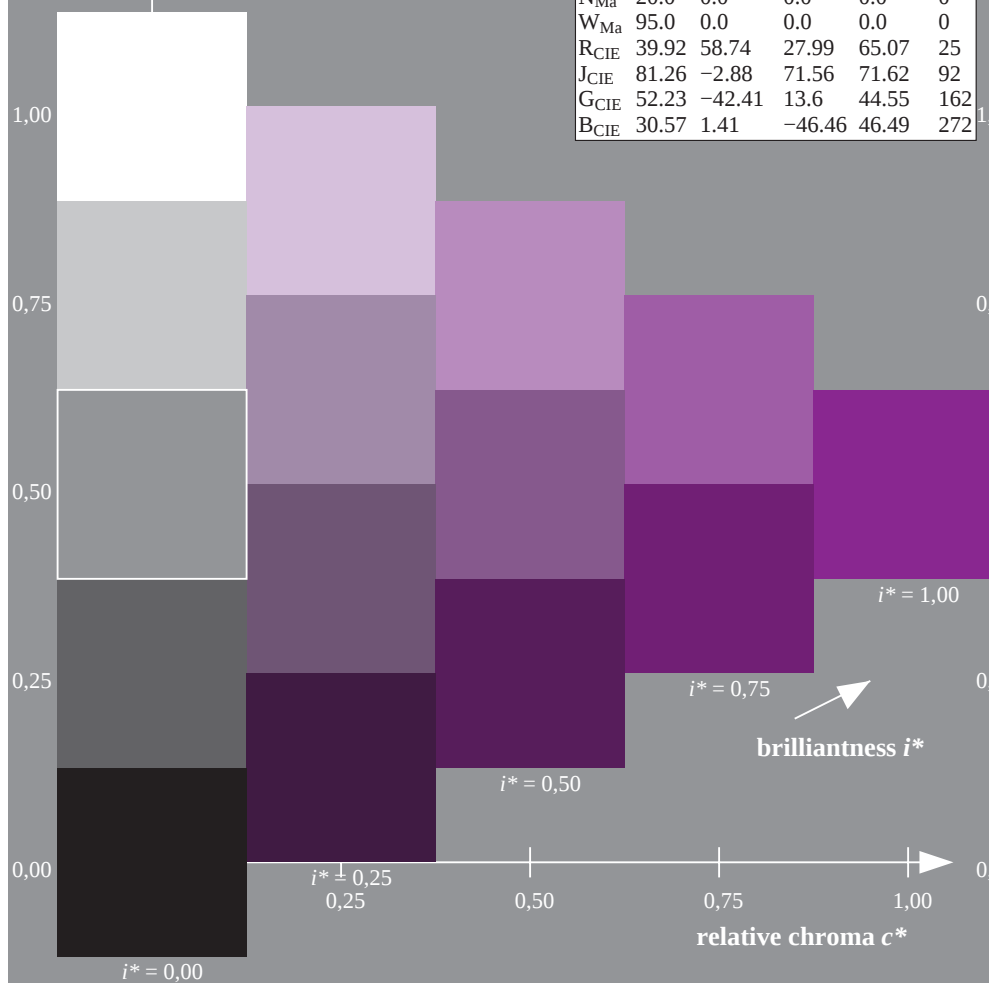
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

lab^*tch^* and lab^*icu^*

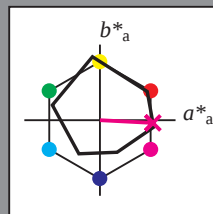
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 70 -3

$LAB^*LCH^*_{Ma}$: 49 70 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.88

triangle lightness t^*

%Gamut

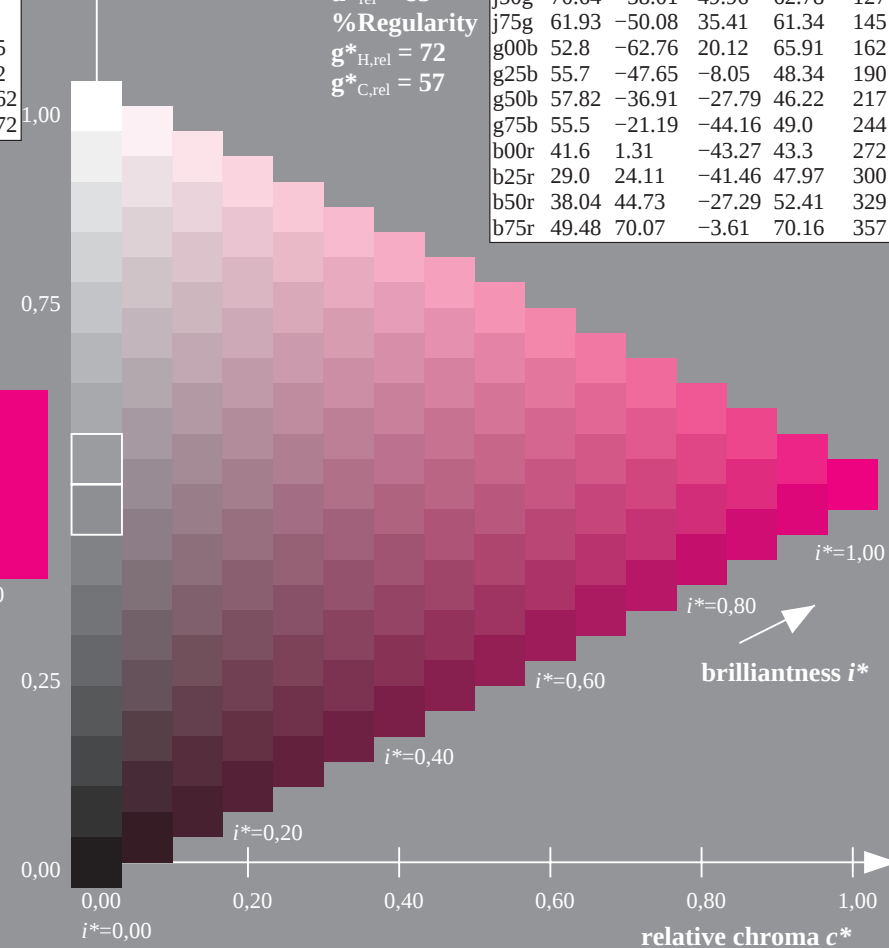
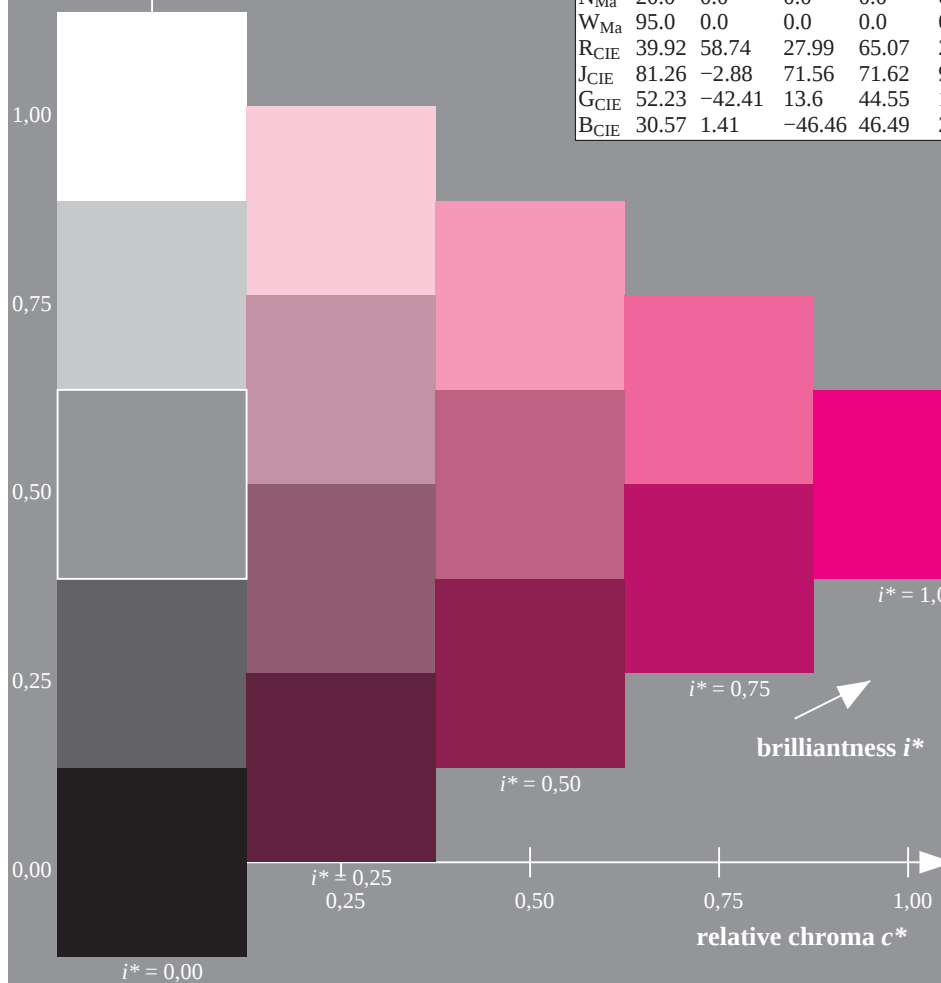
$u^*_{rel} = 83$

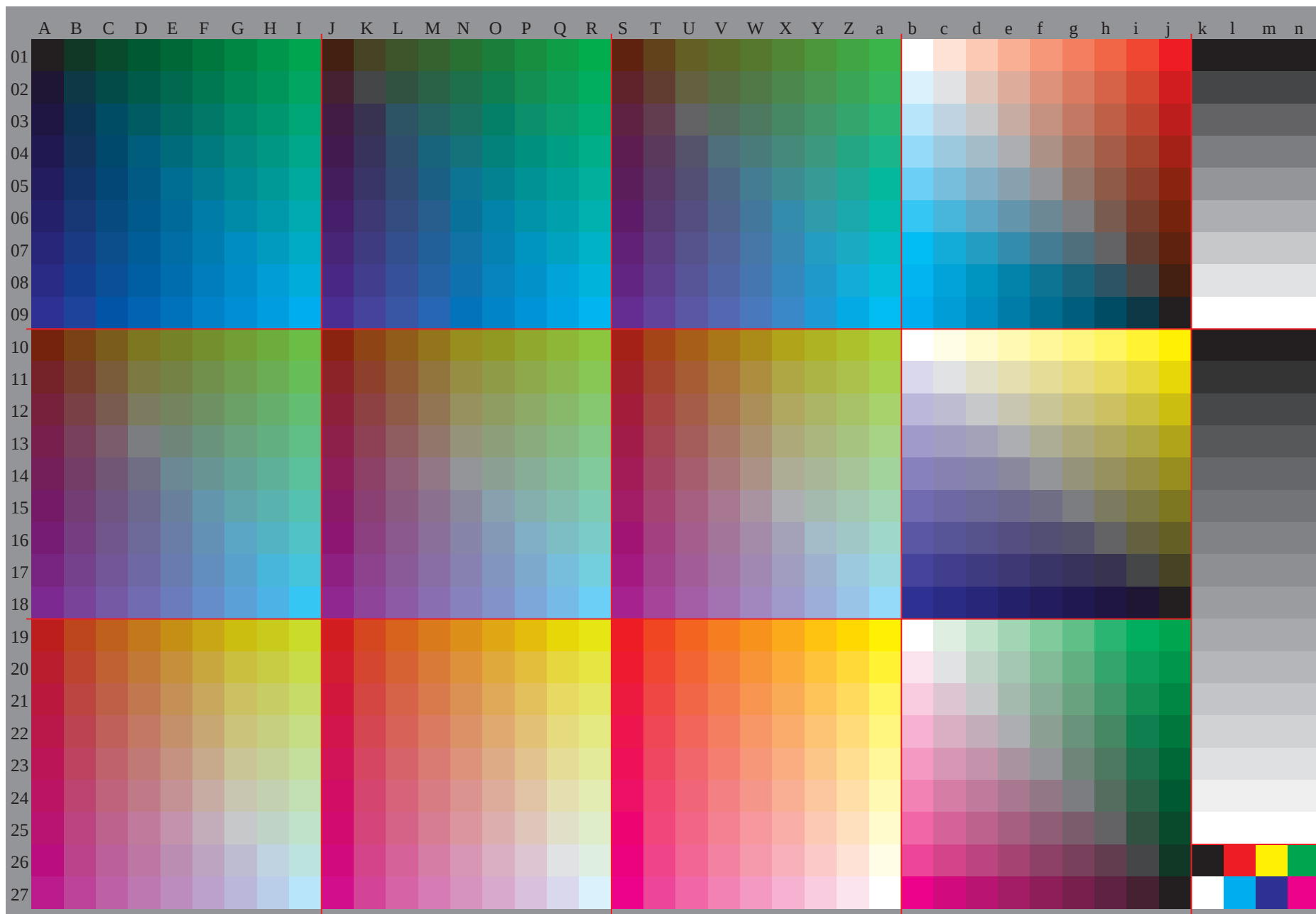
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357

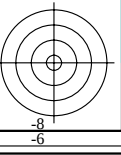
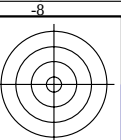




See for similar files: <http://www.ps.bam.de/De73/>; [www.ps.bam.de/De73/Version 2.1, io=1,1, ColSpx=1](http://www.ps.bam.de/De73/Version%202.1%2C%20ColSpx%3D1)

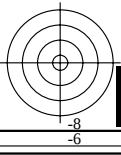
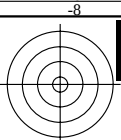
Technical information: <http://www.ps.bam.de/De73/>

BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems



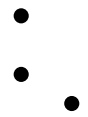
www.ps.bam.de/De73/10L/L73E00NA.PS/.TXT, Page 38/108; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D); Separation: **cmyn**

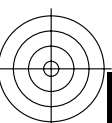
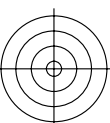
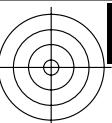
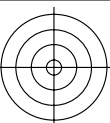
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1



BAM-test chart De73; Colorimetric systems, Page 38/108
colour scales and 3 separations for 16 hues *r00j* to *b75r*

input: 000n / w / nnn0 / www set...
output: ->*cmyn5* setcmykcolor*

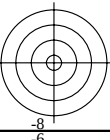
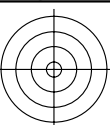




BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

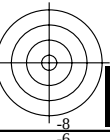
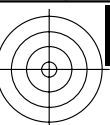
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems



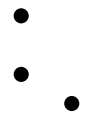
www.ps.bam.de/De73/10L/L73E00NA.PS/.TXT, Page 41/108; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D); Separation: **cmyn**

See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De.HTM
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1



BAM-test chart De73; Colorimetric systems, Page 41/108
colour scales and 3 separations for 16 hues *r00j* to *b75r*

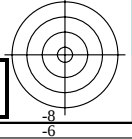
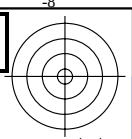
input: 000n / w / nnn0 / www set...
output: ->*cmyn5* setcmykcolor*



BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

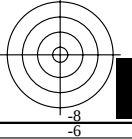
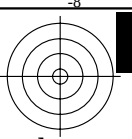
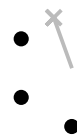
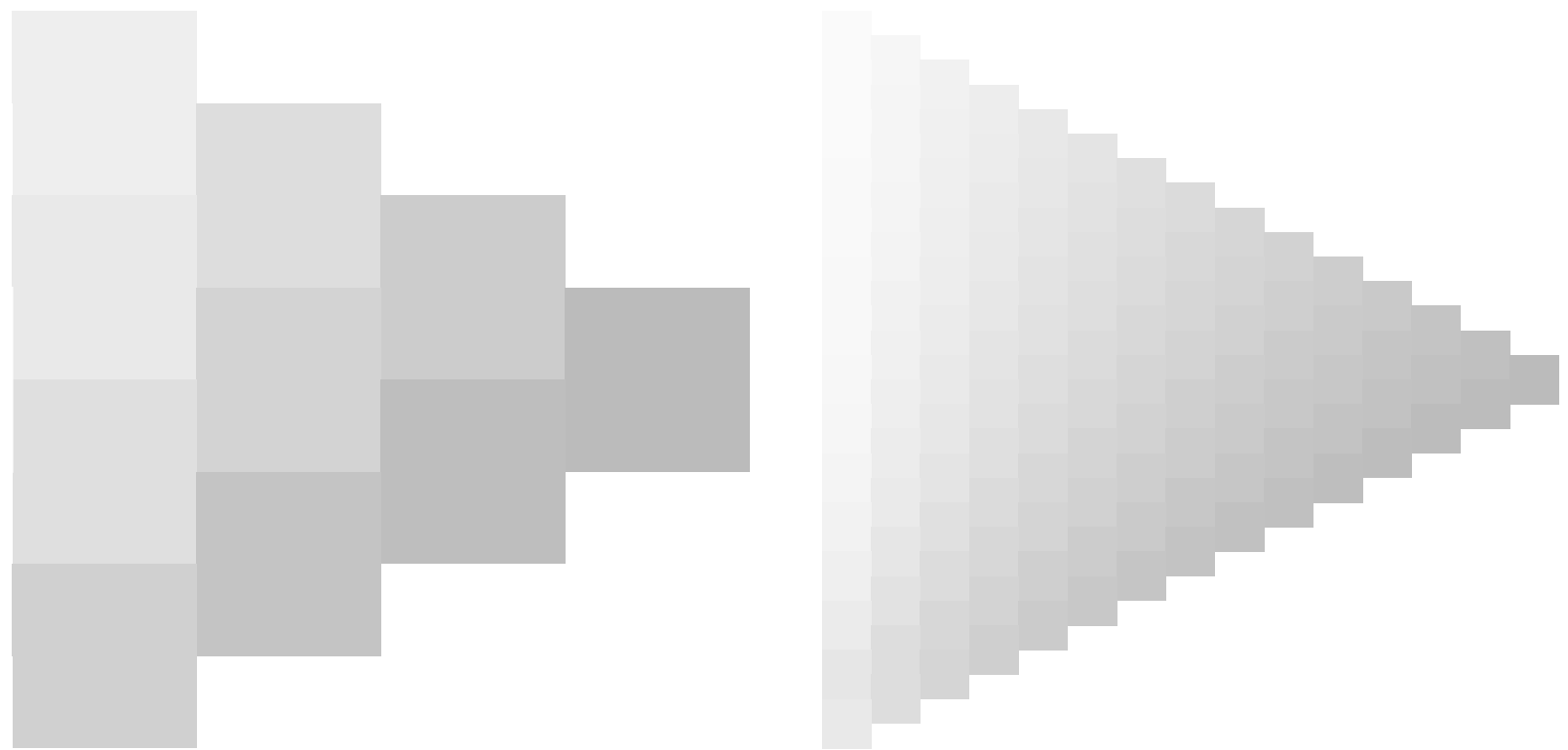
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

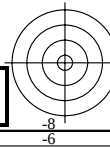
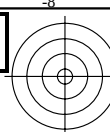


input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor

BAM-test chart De73; Colorimetric systems, Page 43/108
colour scales and 3 separations for 16 hues *r00j* to *b75r*

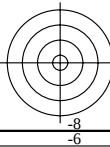
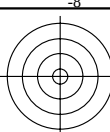
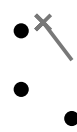
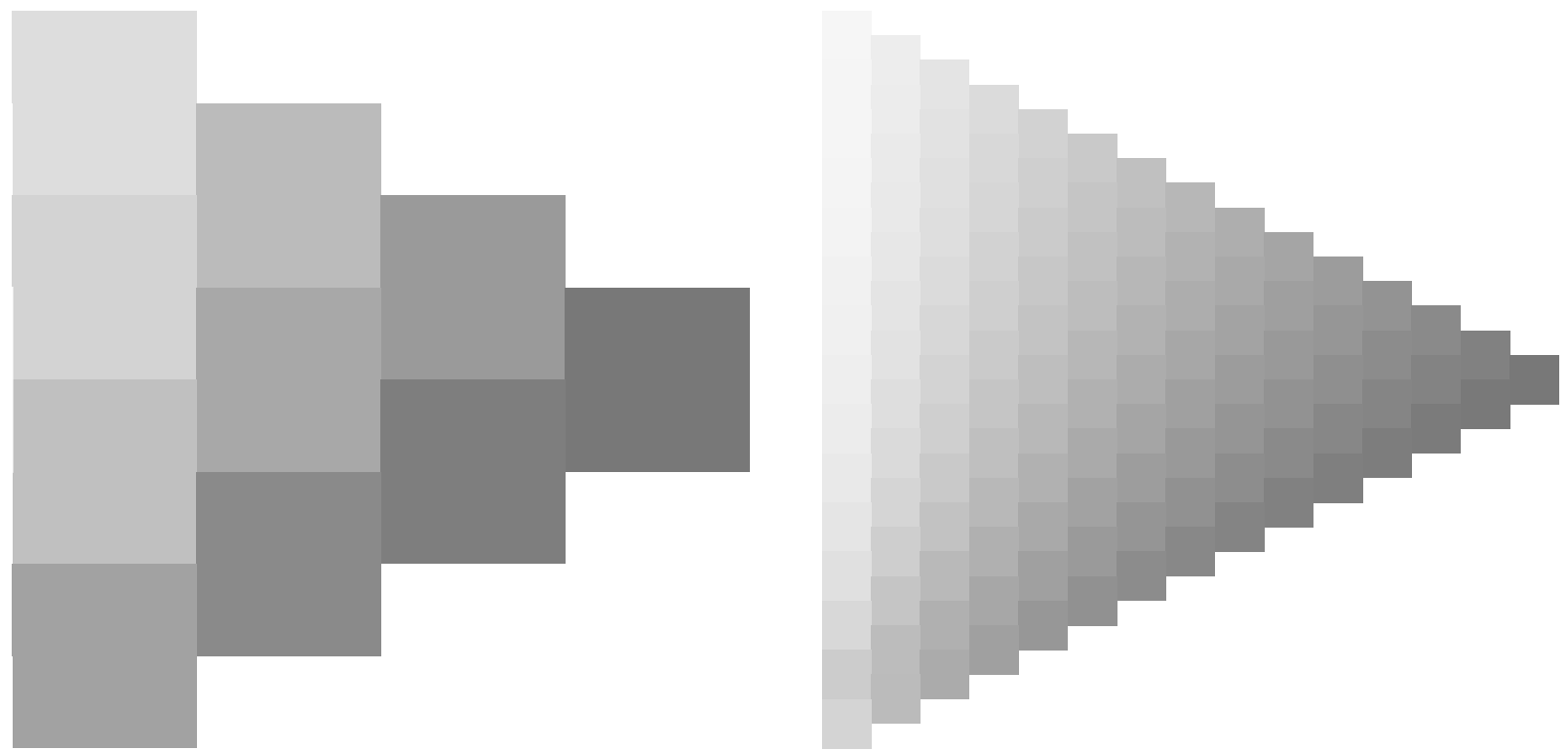


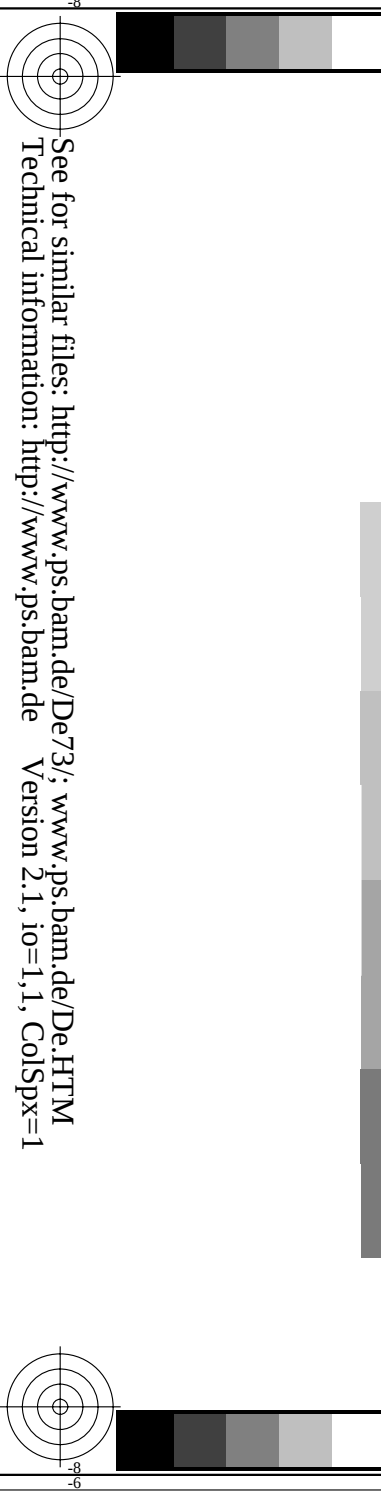
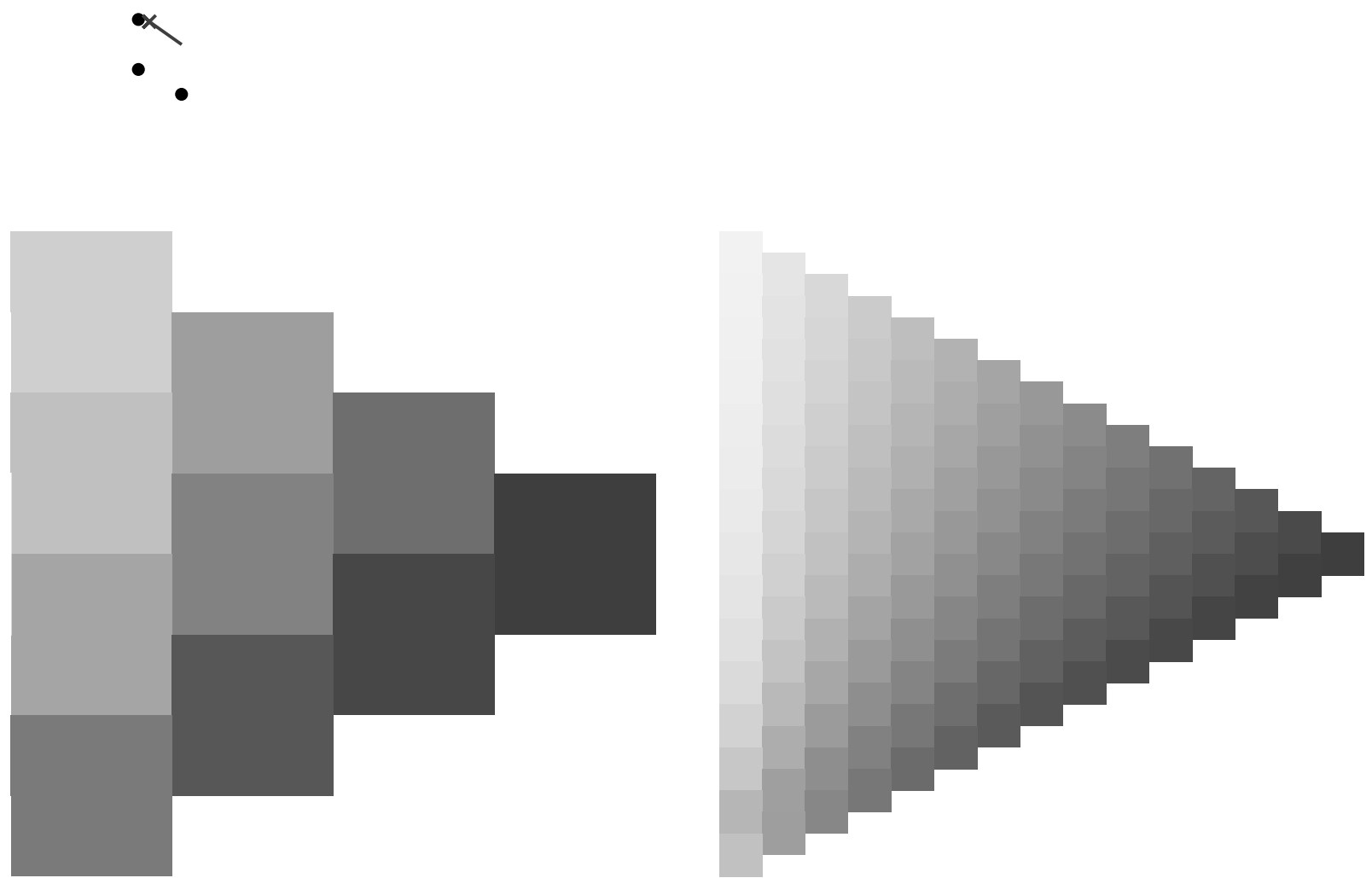
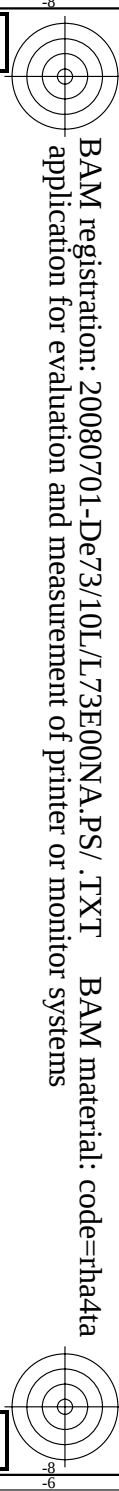
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

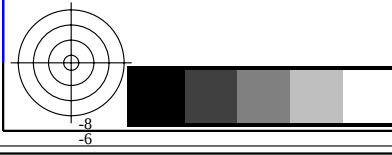
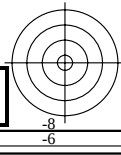
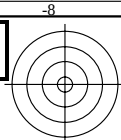


input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor

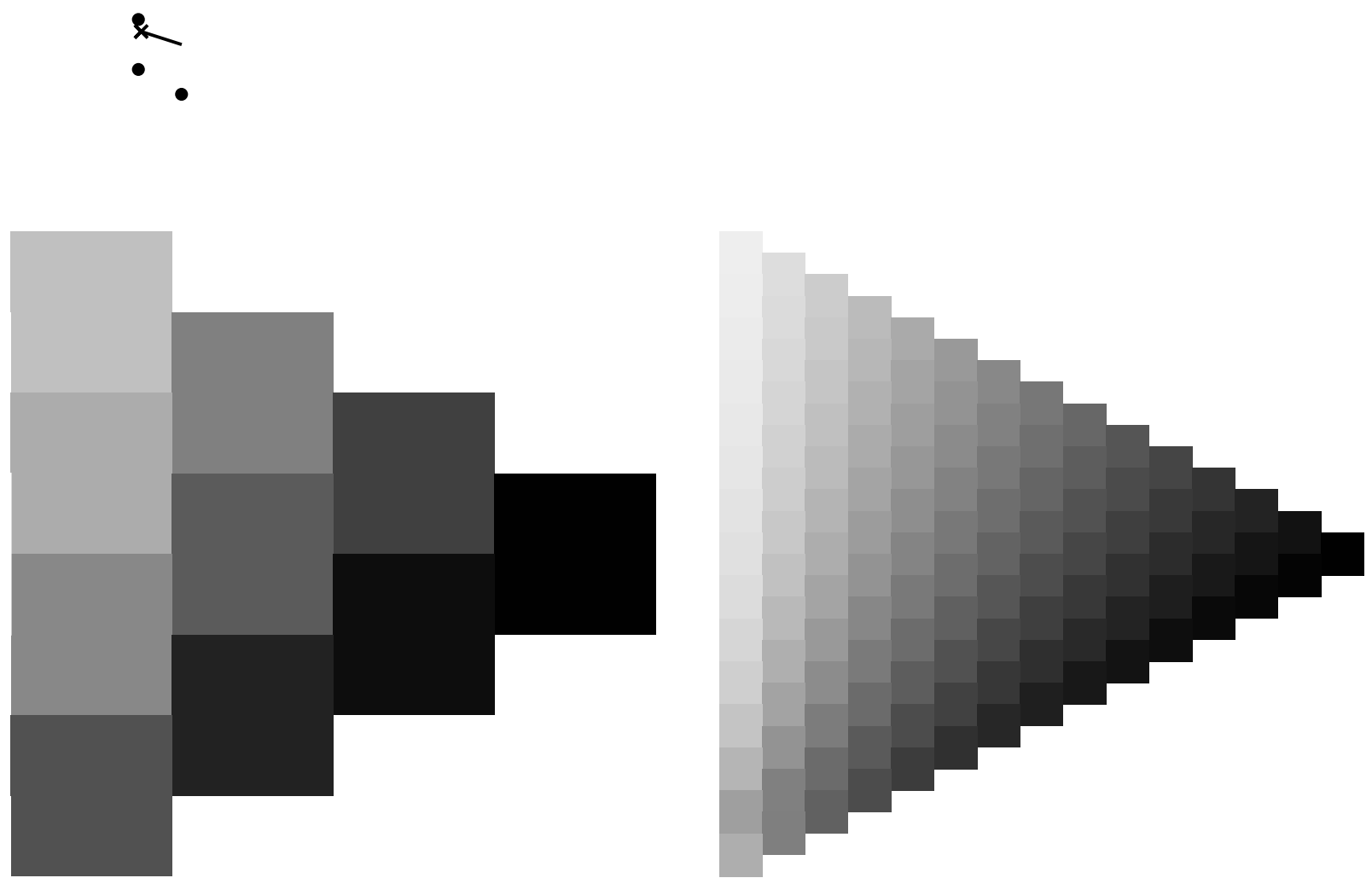
BAM-test chart De73; Colorimetric systems, Page 44/108
colour scales and 3 separations for 16 hues *r00j* to *b75r*

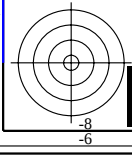
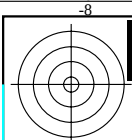
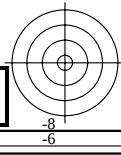
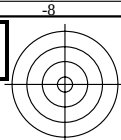




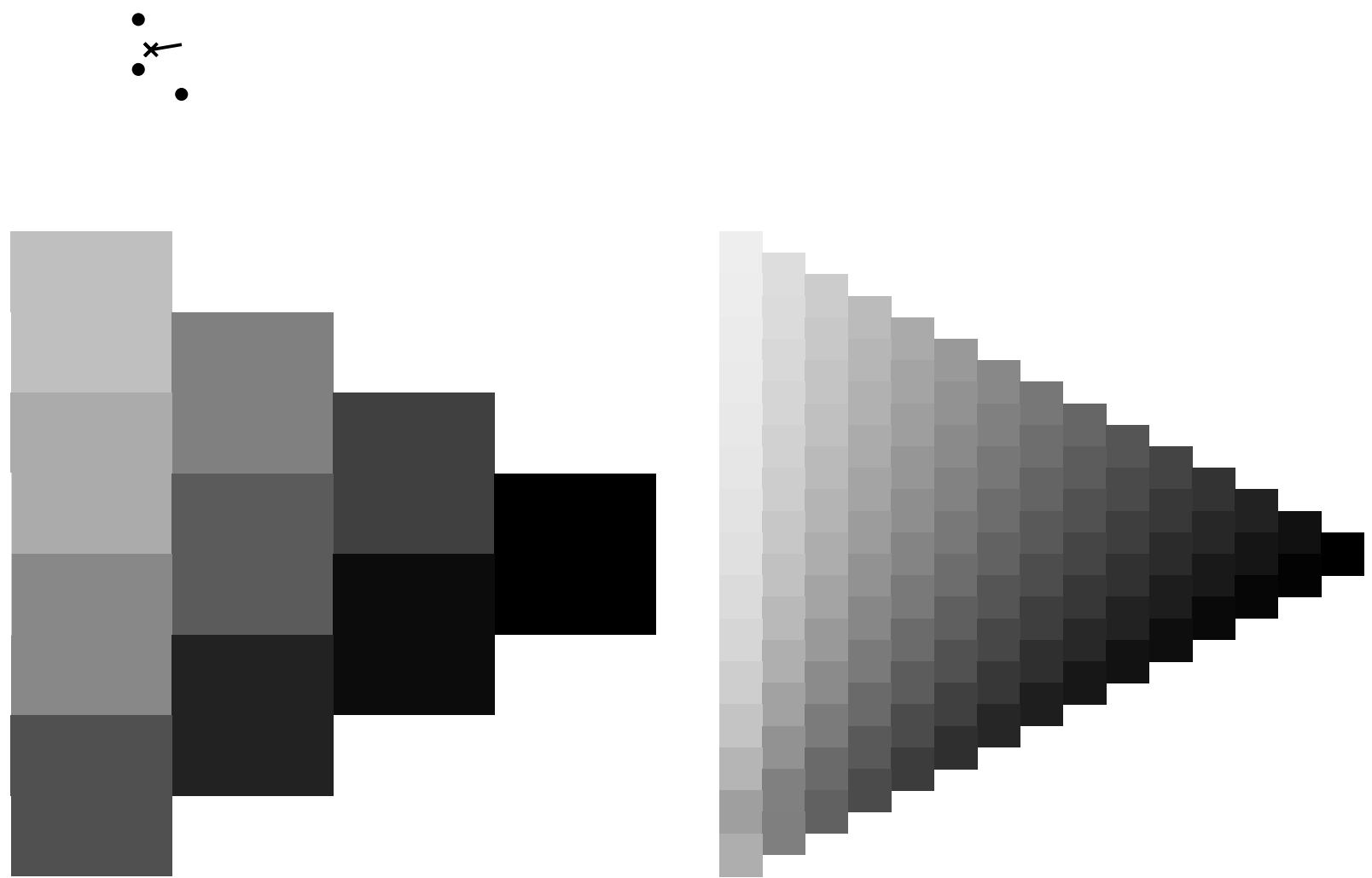


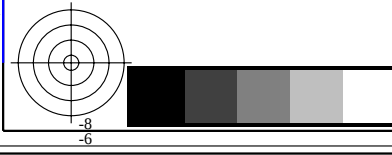
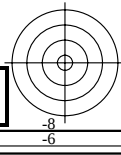
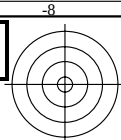
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1



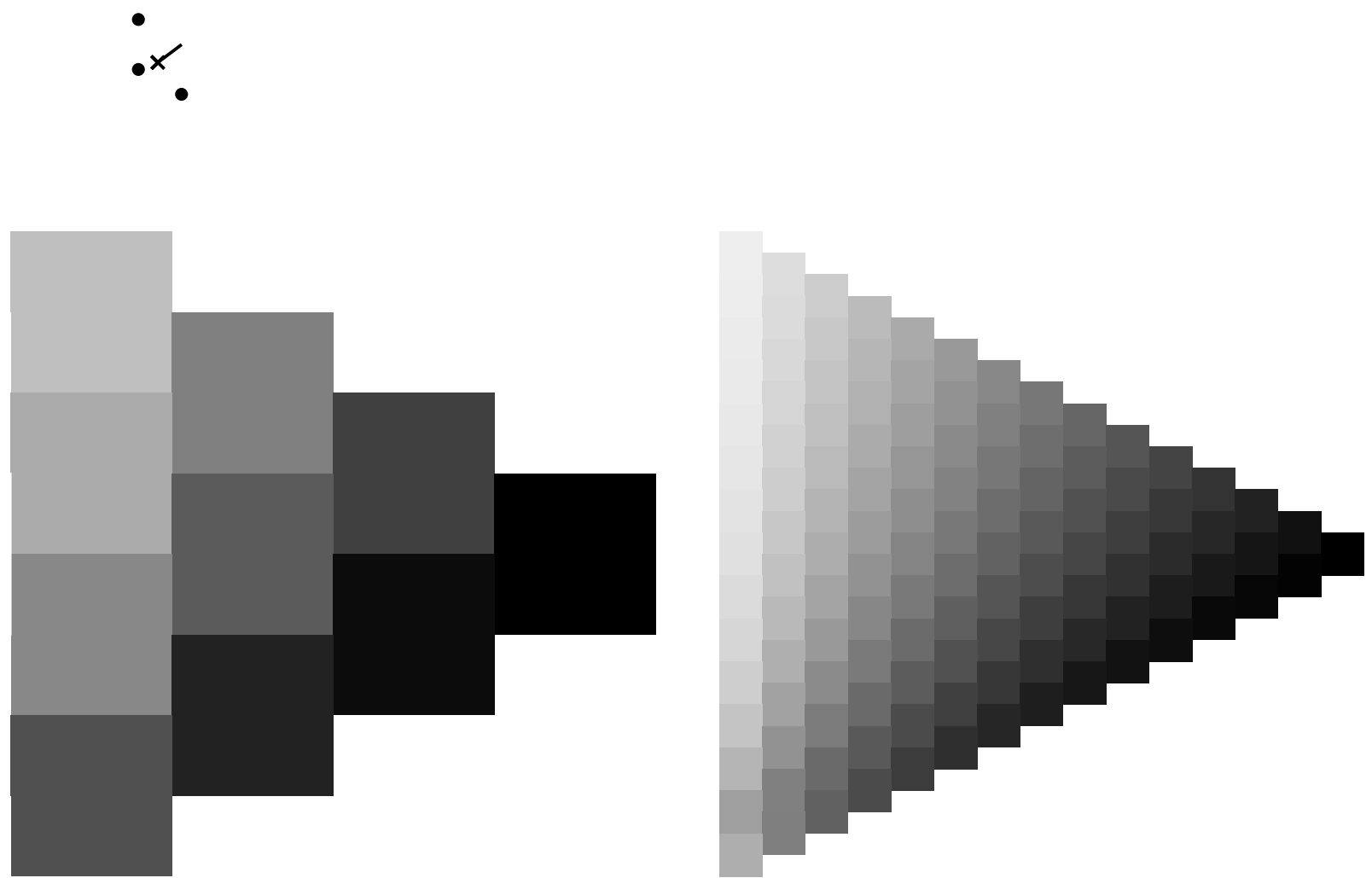


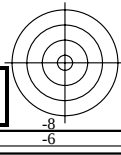
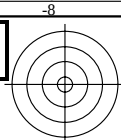
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1





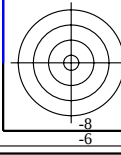
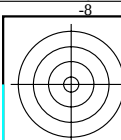
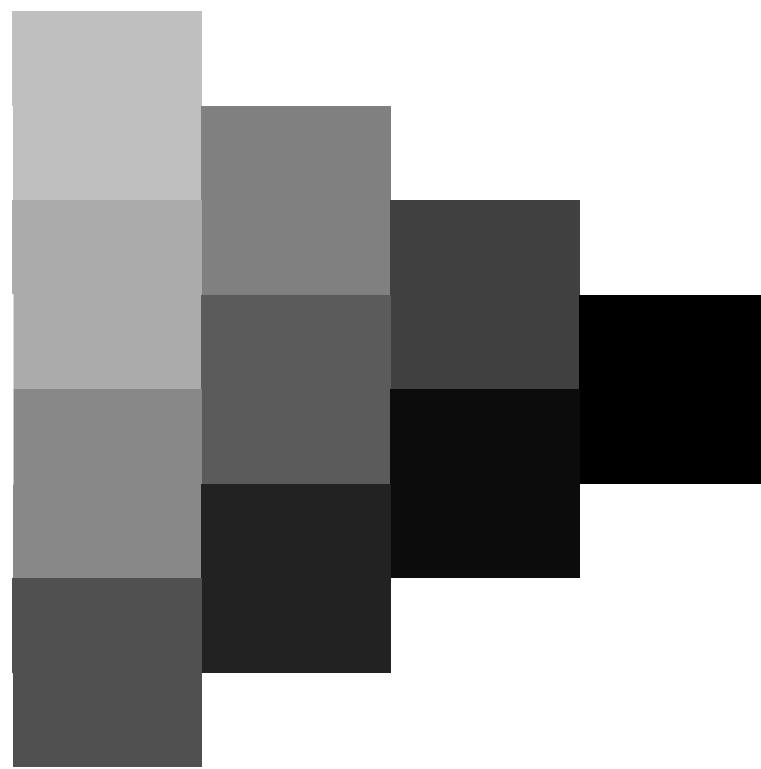
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De.HTM
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

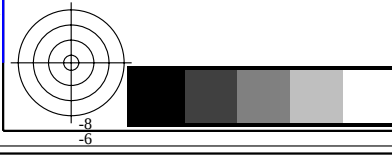
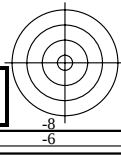
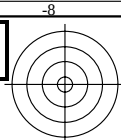




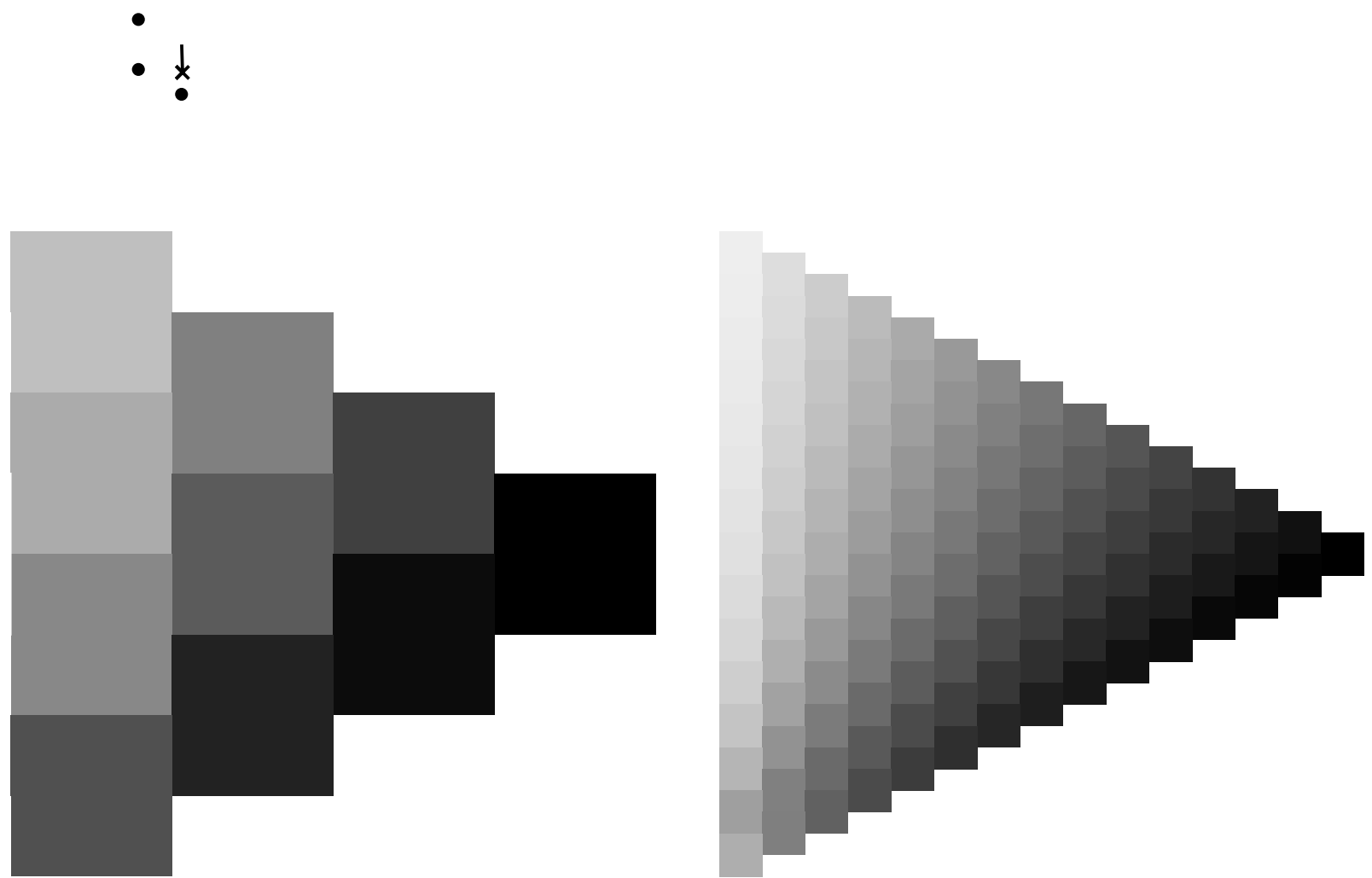
input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor

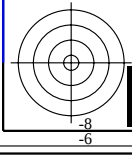
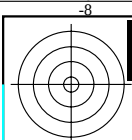
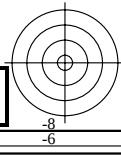
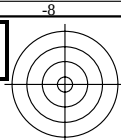
BAM-test chart De73; Colorimetric systems, Page 49/108
colour scales and 3 separations for 16 hues *r00j* to *b75r*



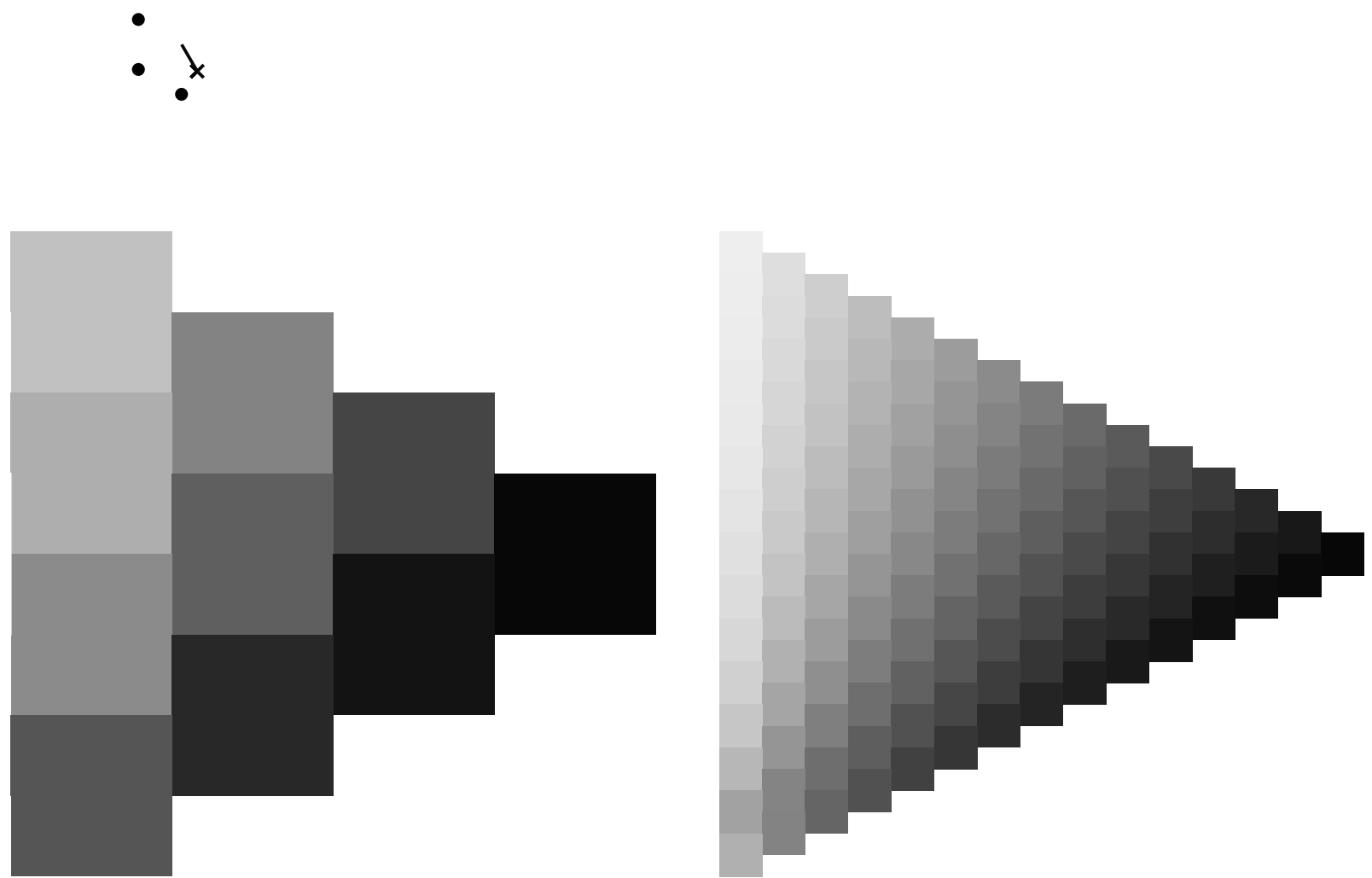


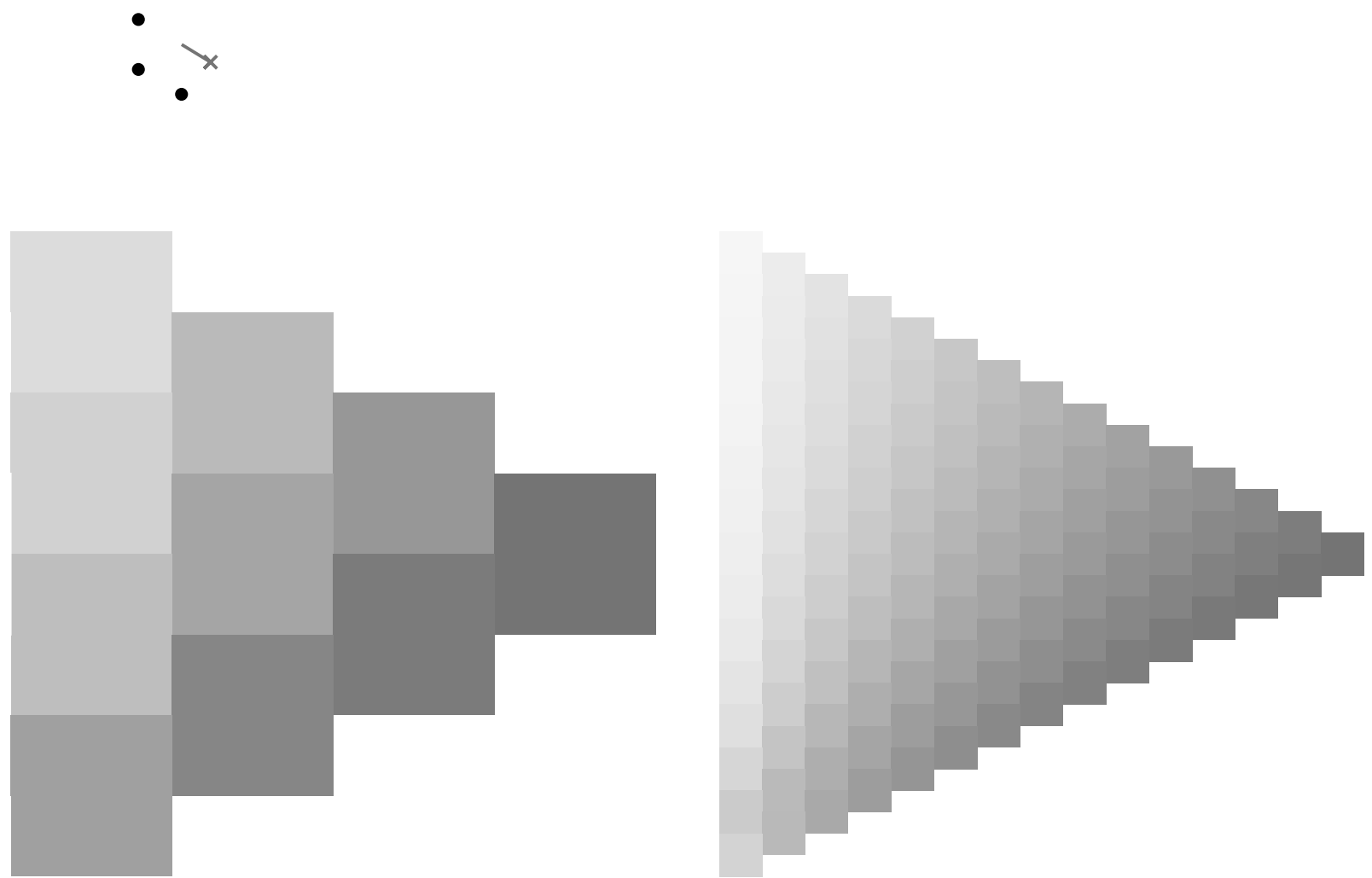
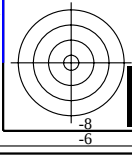
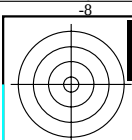
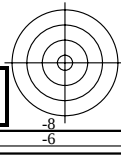
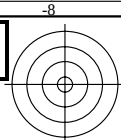
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

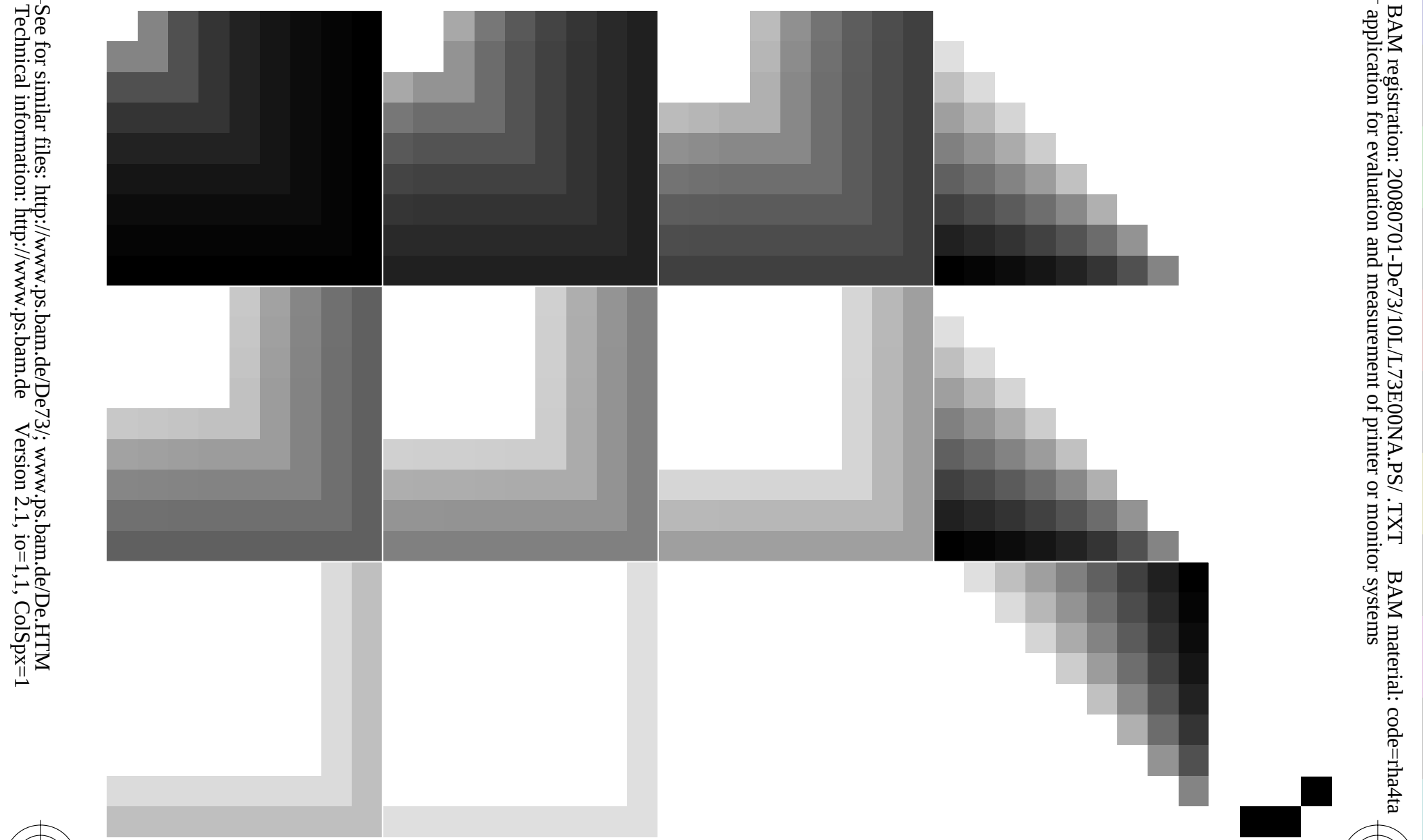




See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1







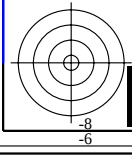
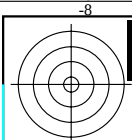
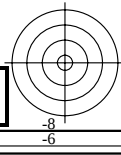
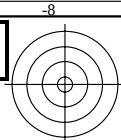
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De.HTM
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

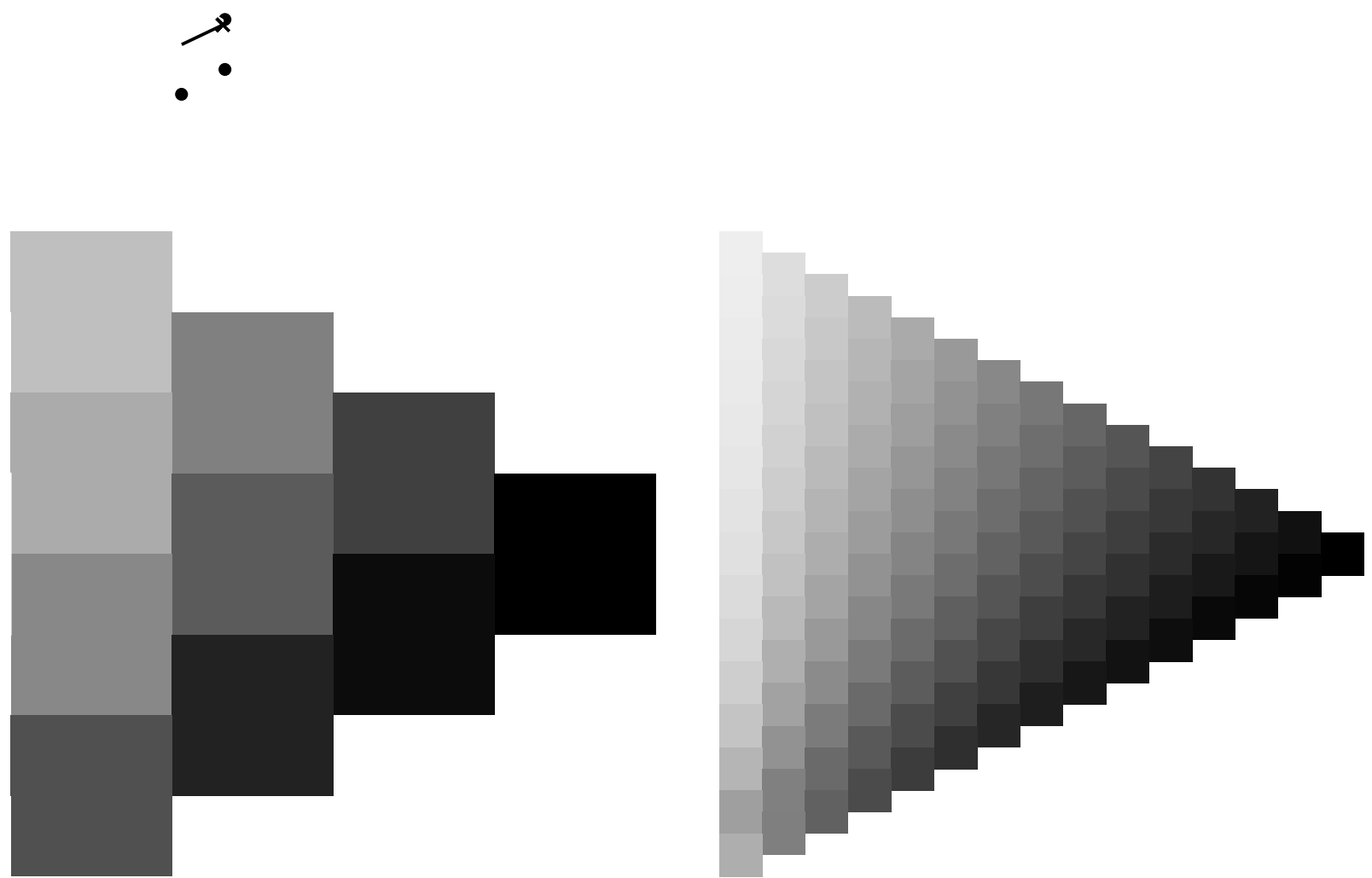


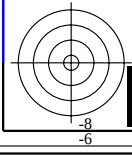
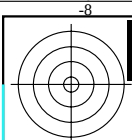
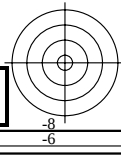
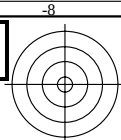
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1



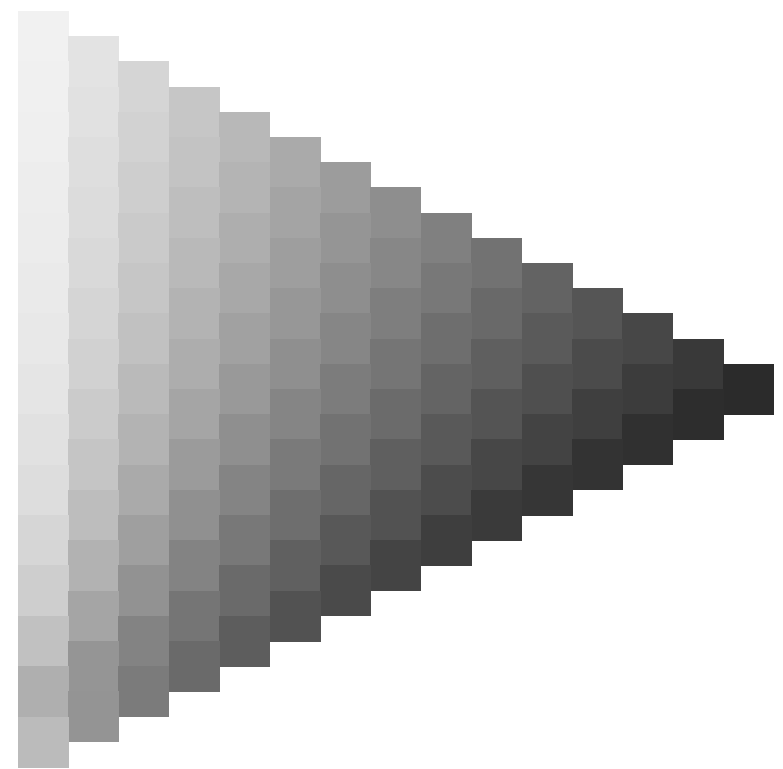
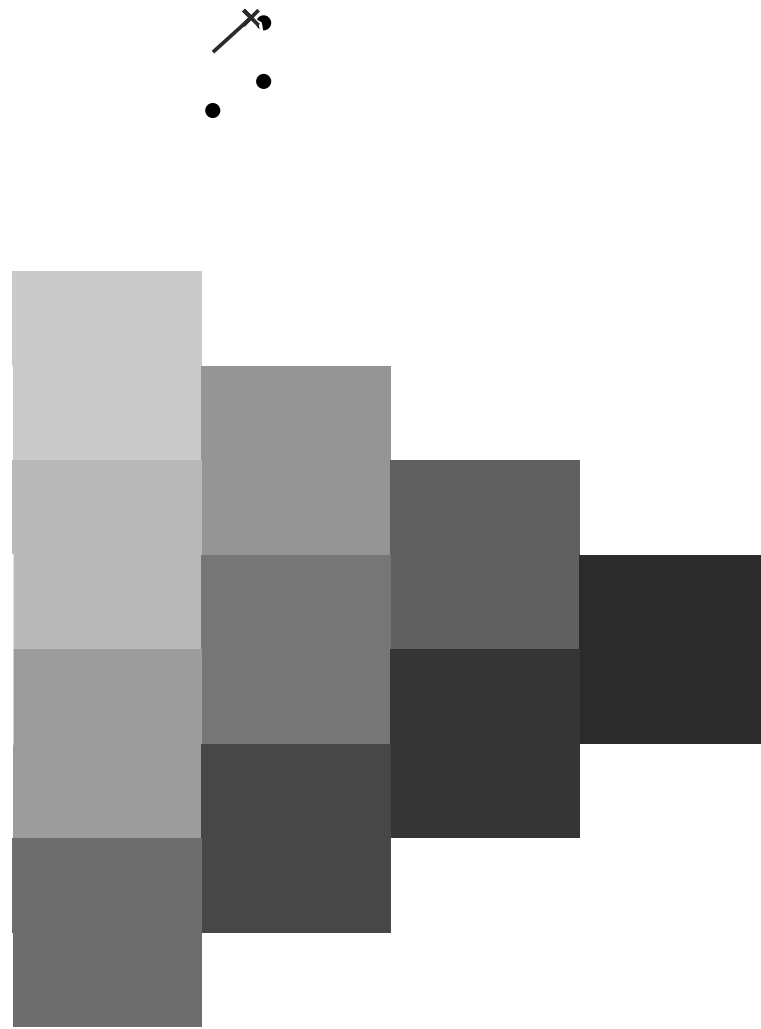


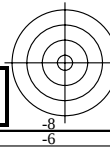
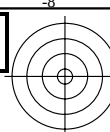
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De.HTM
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1



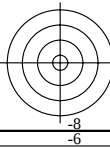
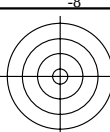
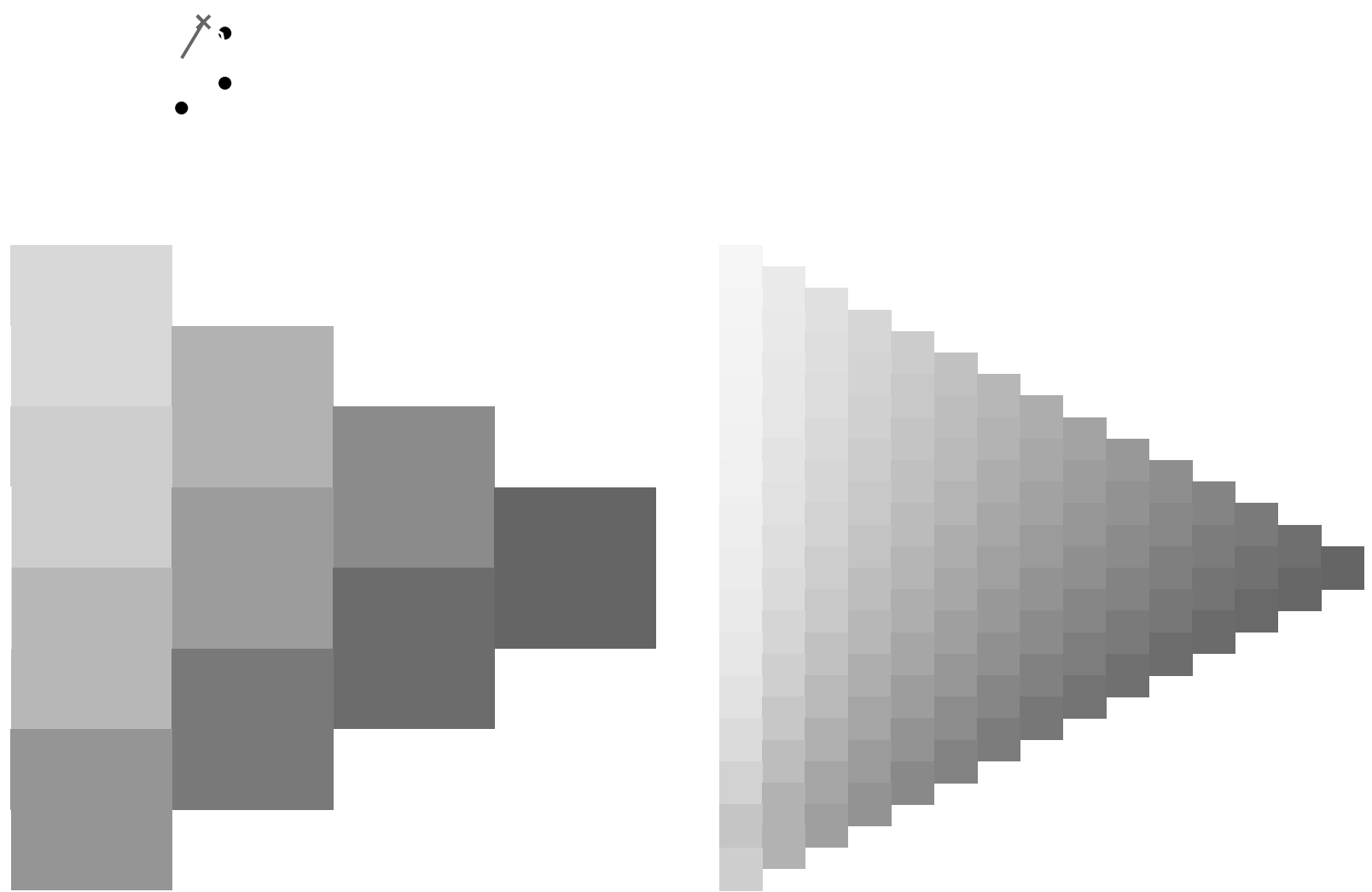


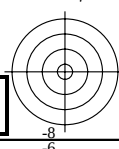
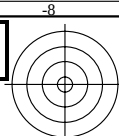
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1





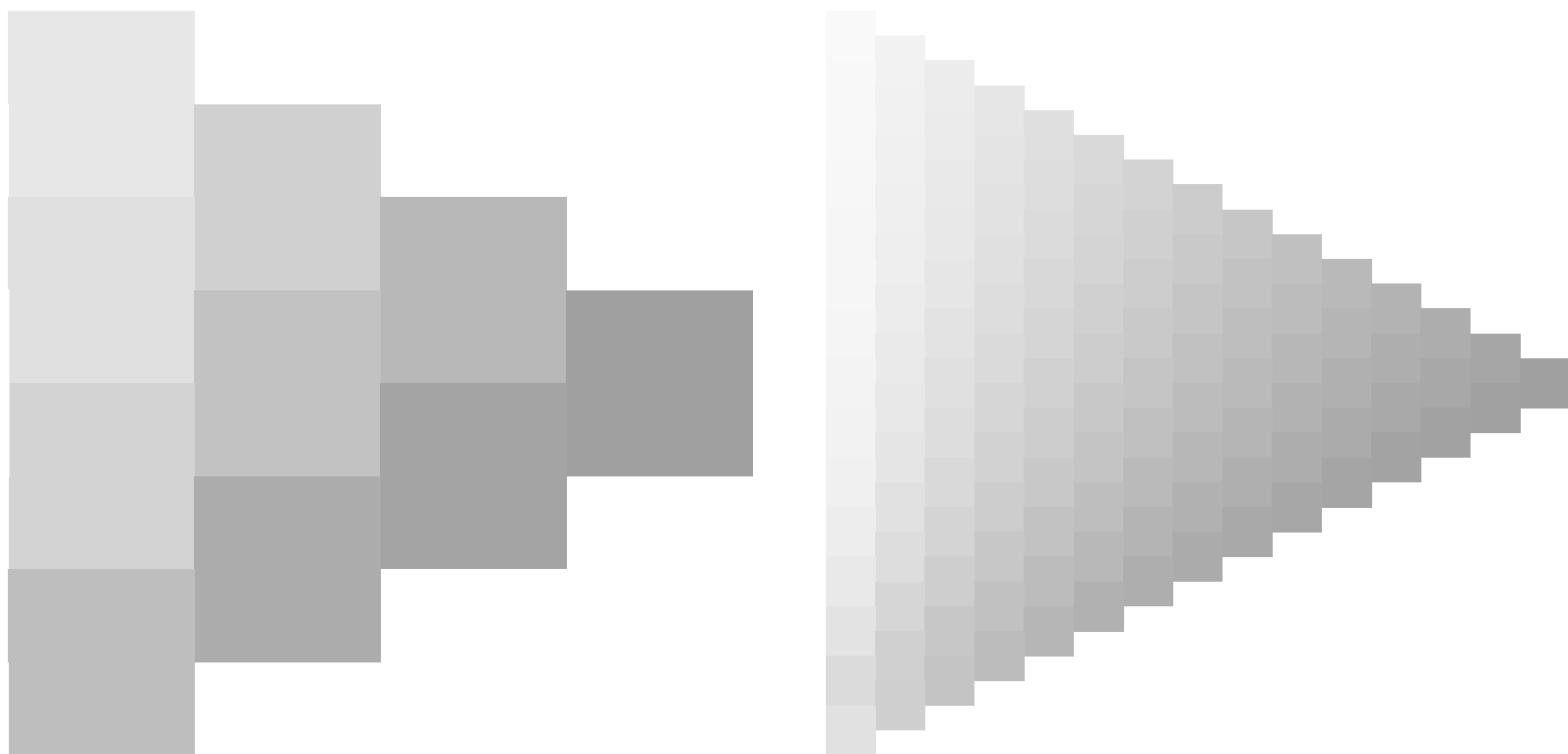
input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor



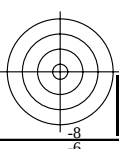
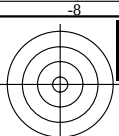


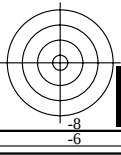
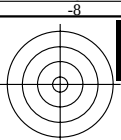
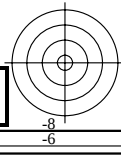
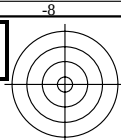
input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor

BAM-test chart De73; Colorimetric systems, Page 59/108
colour scales and 3 separations for 16 hues *r00j* to *b75r*

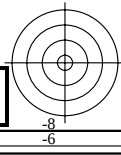
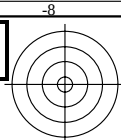


www.ps.bam.de/De73/10L/L73E00NA.PS/.TXT, Page 59/108; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D); Separation: *cmyn*





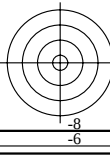
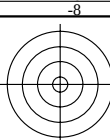
BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems



input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor

www.ps.bam.de/De73/10L/L73E00NA.PS/.TXT, Page 61/108; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D); Separation: cmyn

BAM-test chart De73; Colorimetric systems, Page 61/108
colour scales and 3 separations for 16 hues r00j to b75r



See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1



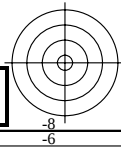
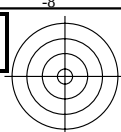
BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems



www.ps.bam.de/De73/10L/L73E00NA.PS/.TXT, Page 64/108; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D); Separation: **cmyn**



See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/; www.ps.bam.de/De73/.TXT
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

BAM-test chart De73; Colorimetric systems, Page 64/108
colour scales and 3 separations for 16 hues *r00j* to *b75r*

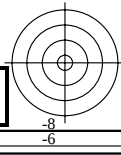
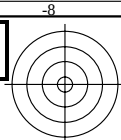
input: 000n / w / nnn0 / www set...
output: ->*cmyn5* setcmykcolor*

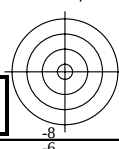
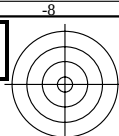
BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

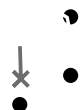
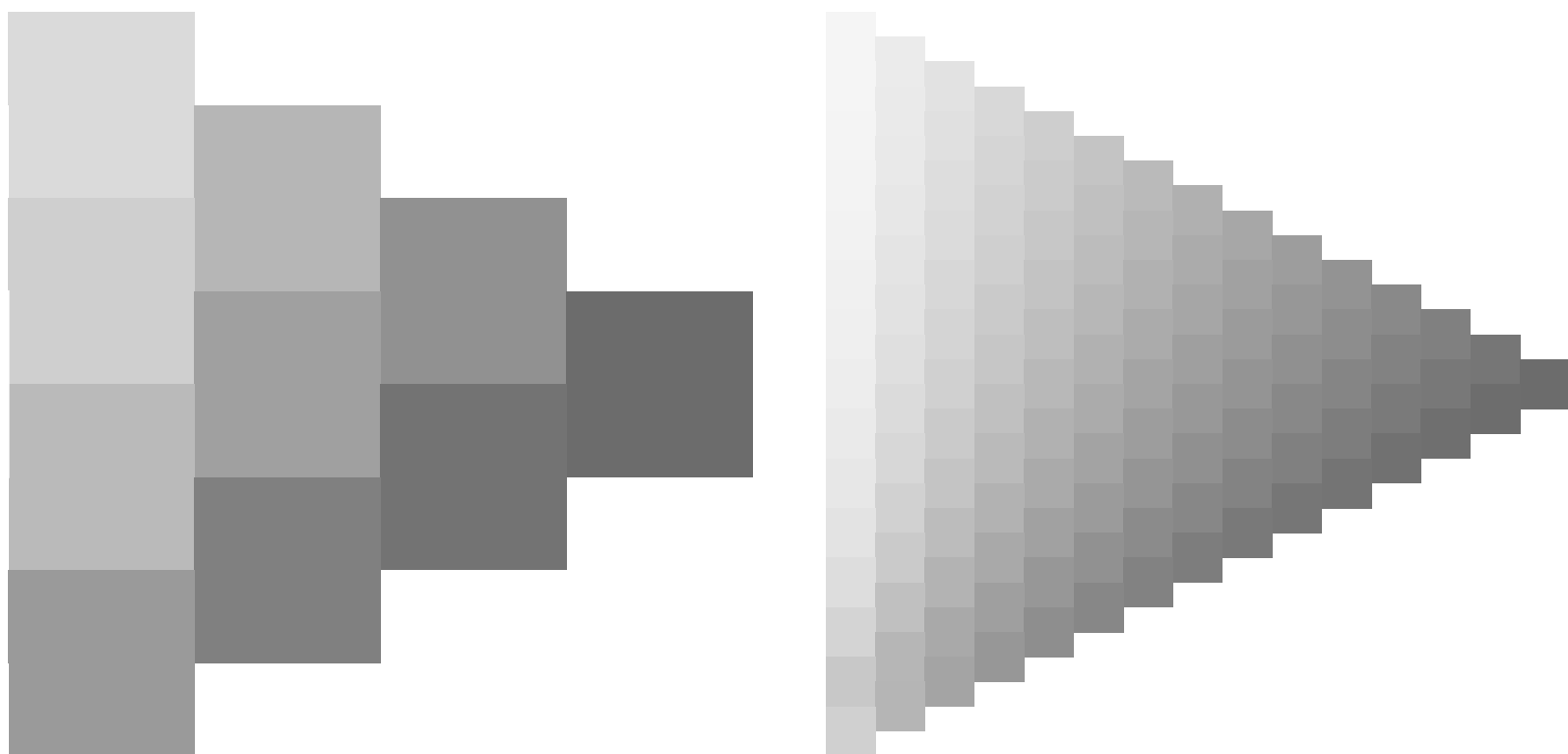
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1



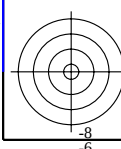
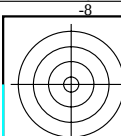


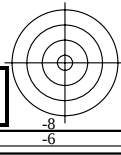
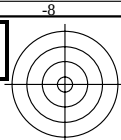
input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor

BAM-test chart De73; Colorimetric systems, Page 68/108
colour scales and 3 separations for 16 hues *r00j* to *b75r*



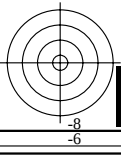
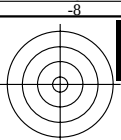
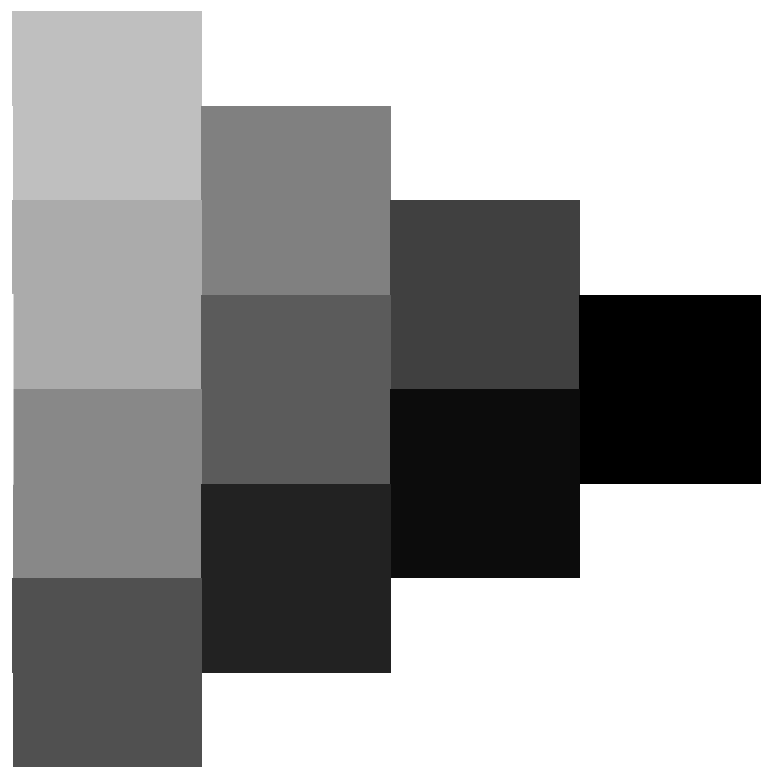
www.ps.bam.de/De73/10L/L73E00NA.PS/.TXT, Page 68/108; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D); Separation: cmyn

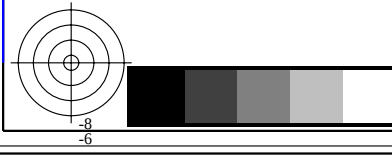
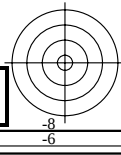
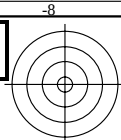




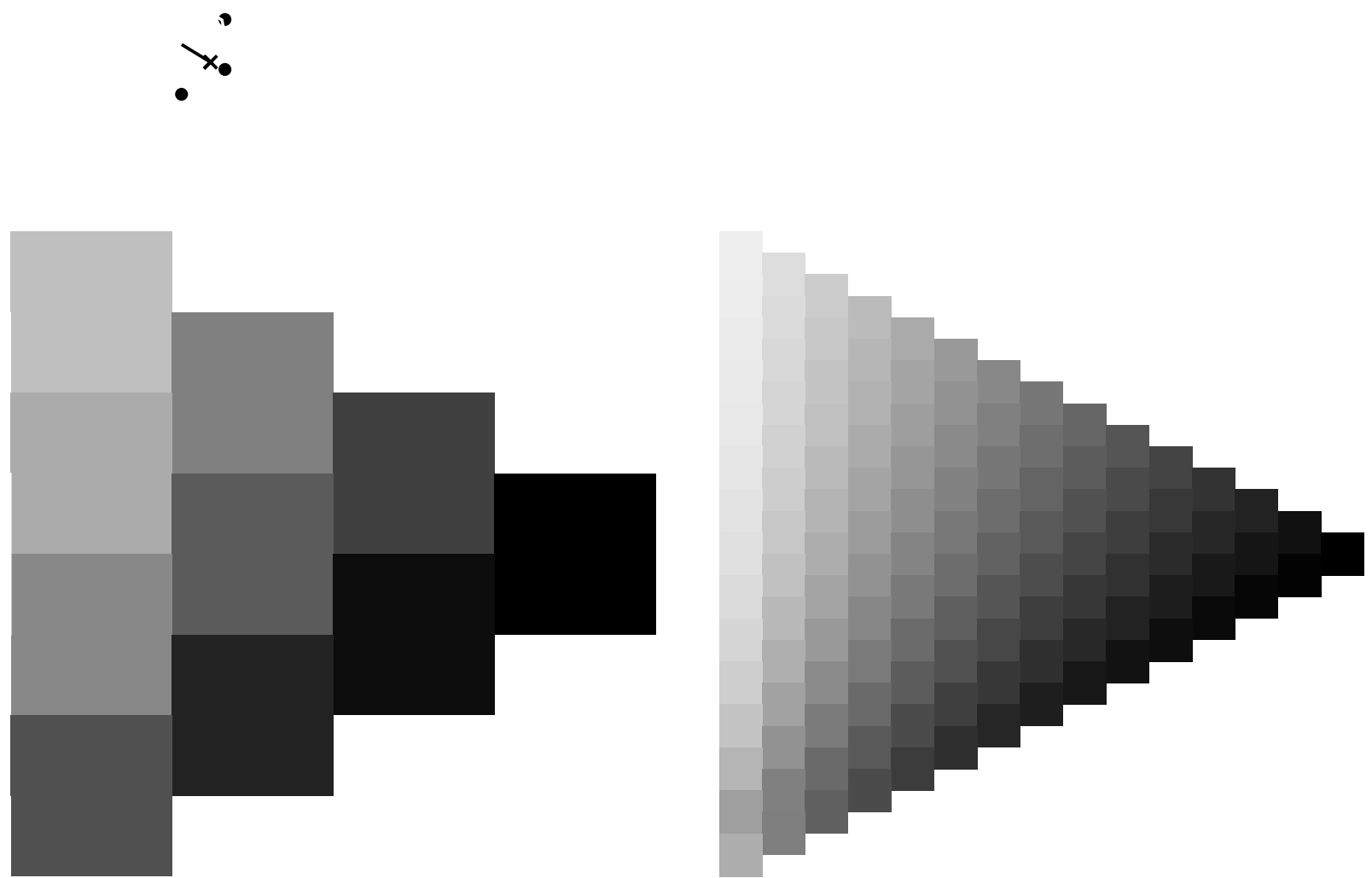
input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor

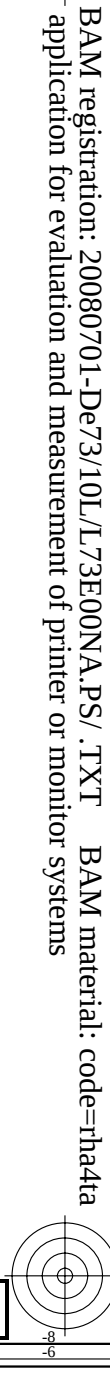
BAM-test chart De73; Colorimetric systems, Page 69/108
colour scales and 3 separations for 16 hues r00j to b75r



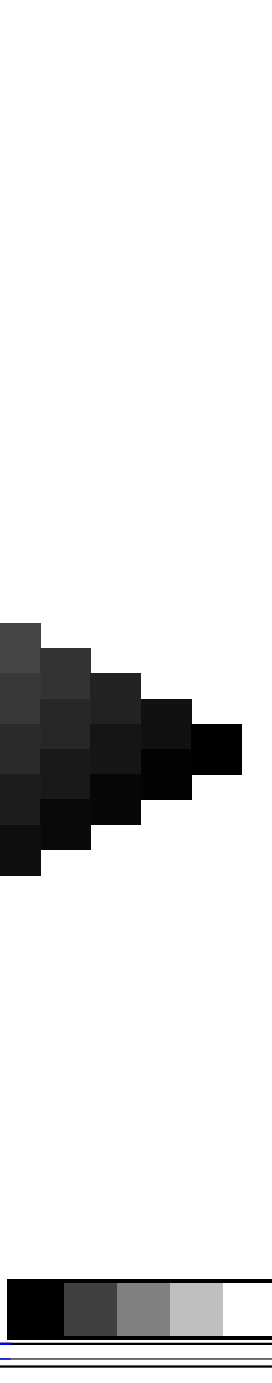


See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

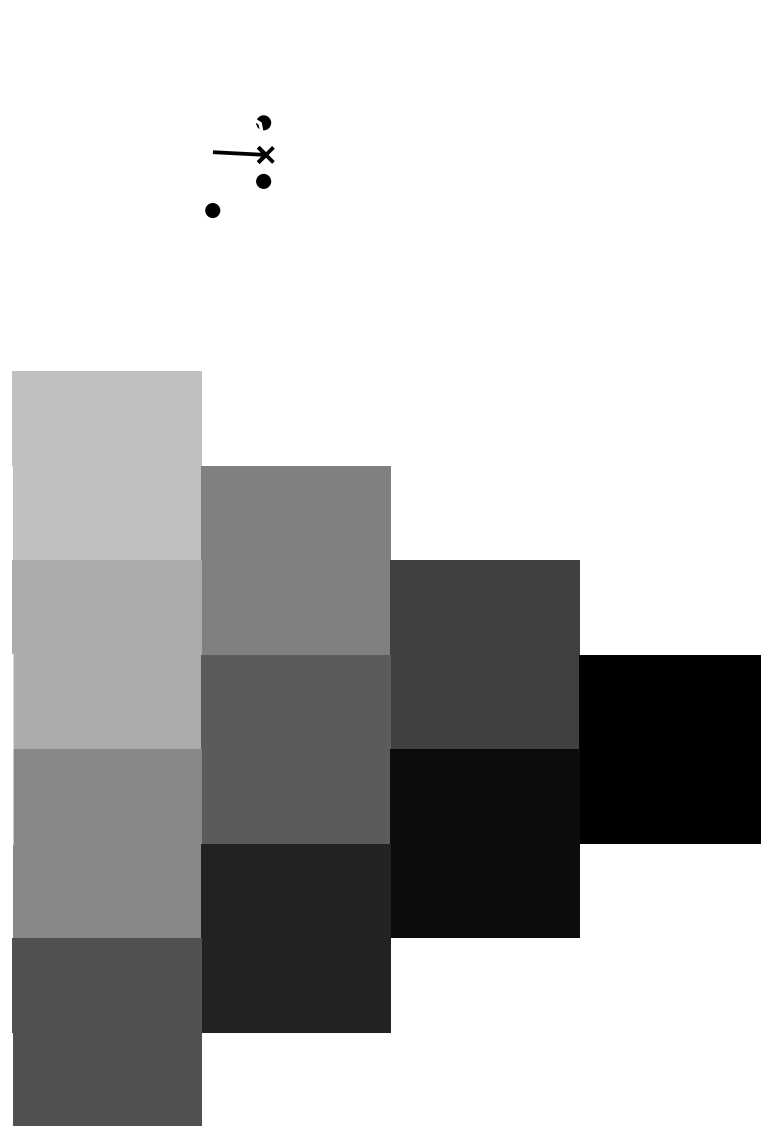




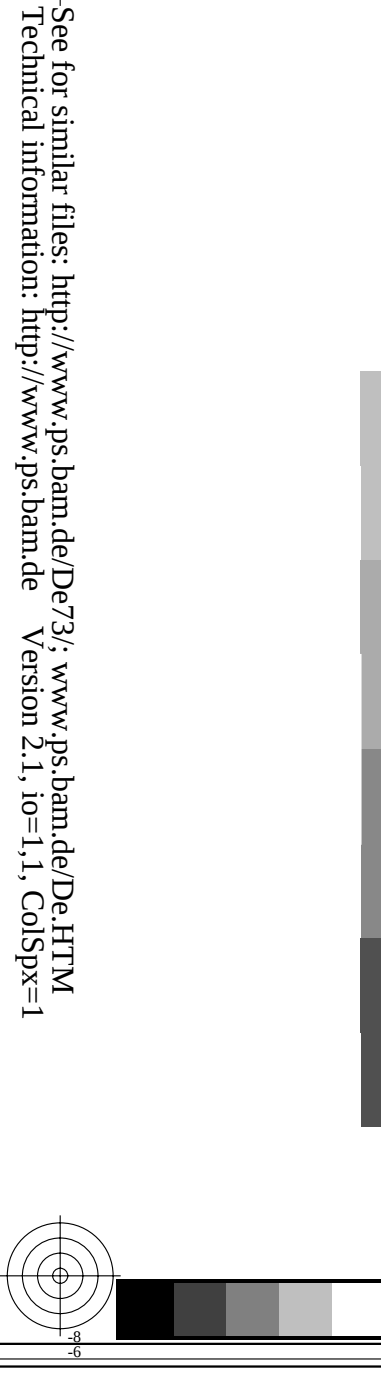
BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: 20080701-De73/10L/L73E00NA.PS/.TXT
Application for evaluation and measurement of printer or monitor systems



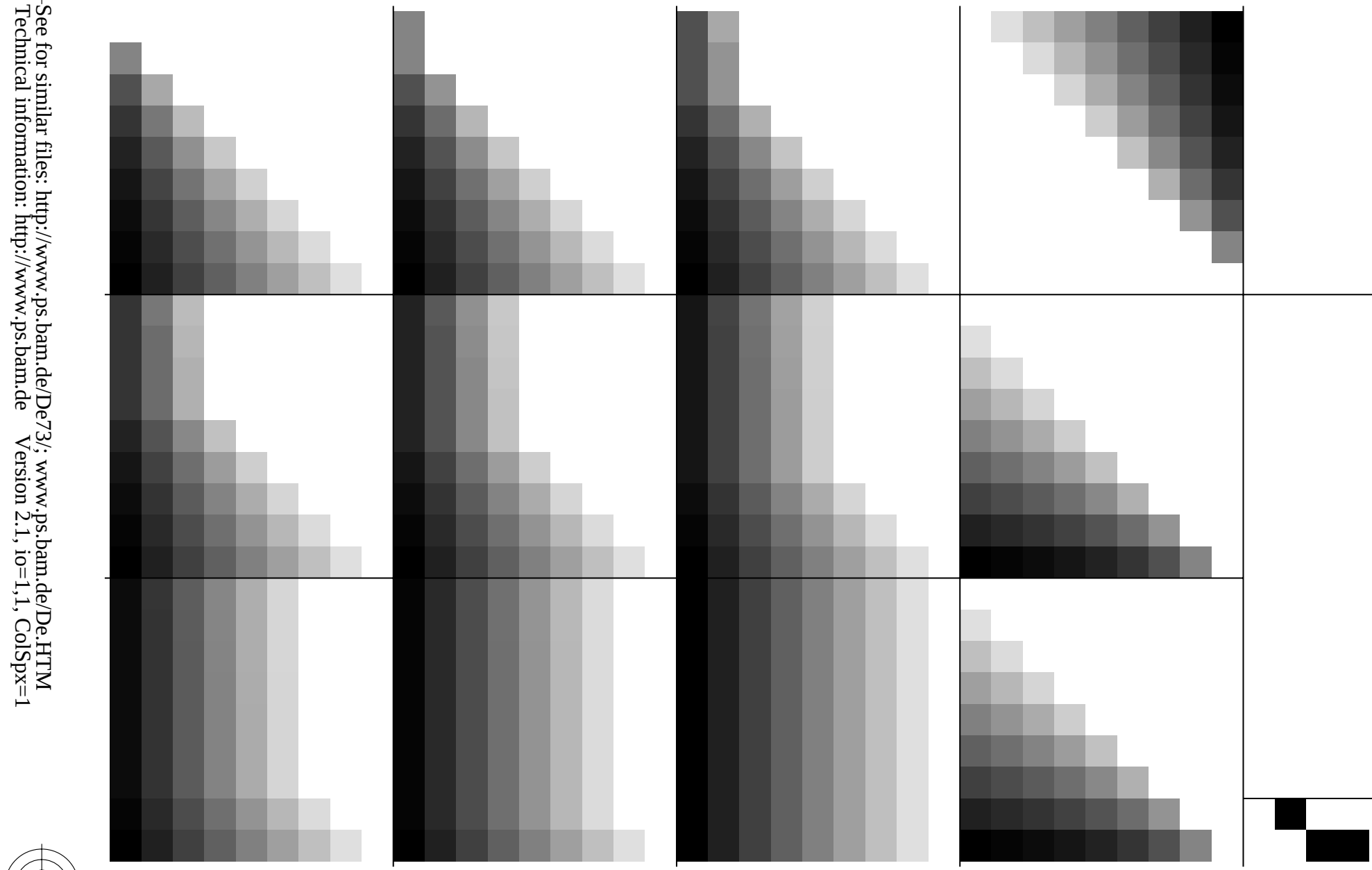
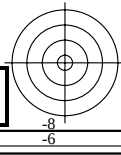
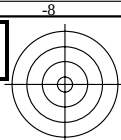
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input: 000n / w / nnn0 / www set...
output: ->cmykn5* setcmykcolor
```



BAM-test chart De73; Colorimetric systems, Page 71/108
colour scales and 3 separations for 16 hues *r00j* to *b75r*



Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1
See for similar files: <http://www.ps.bam.de/De/3/>, www.ps.bam.de/De/H1M

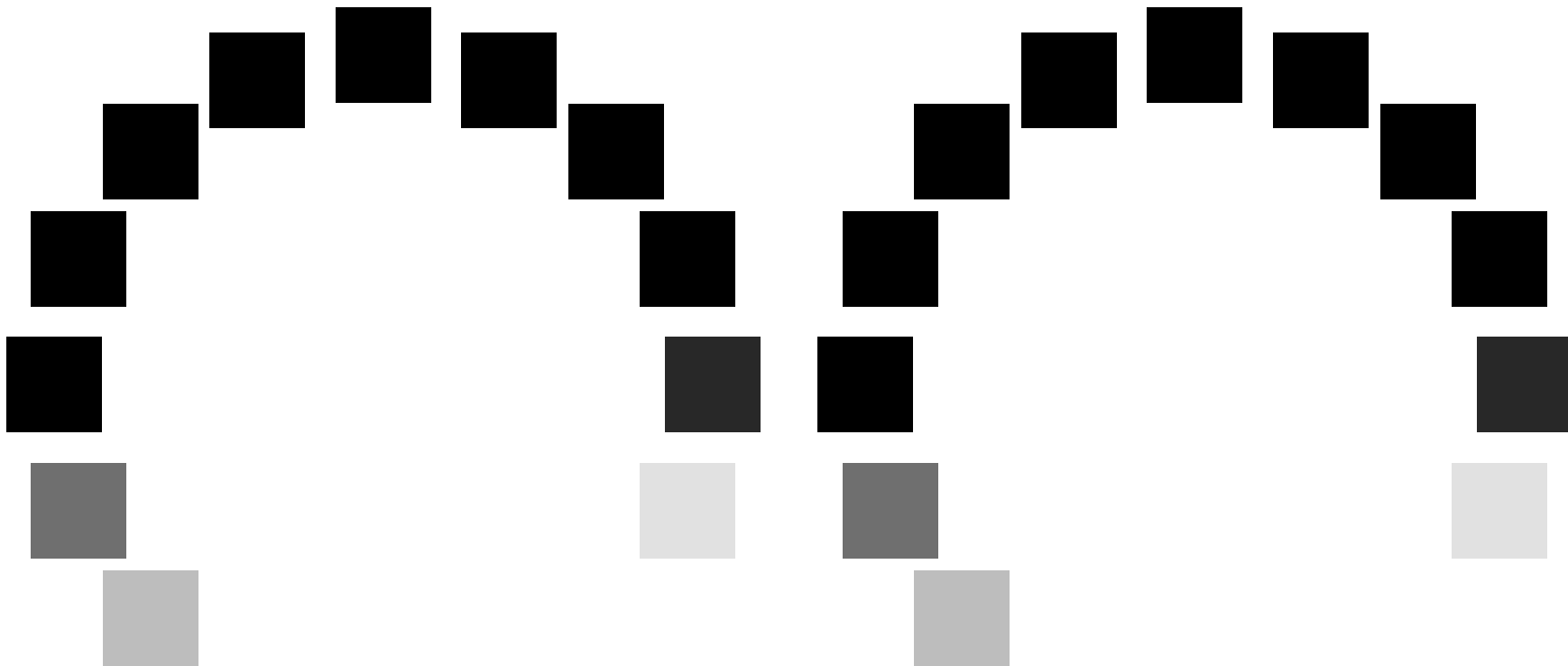


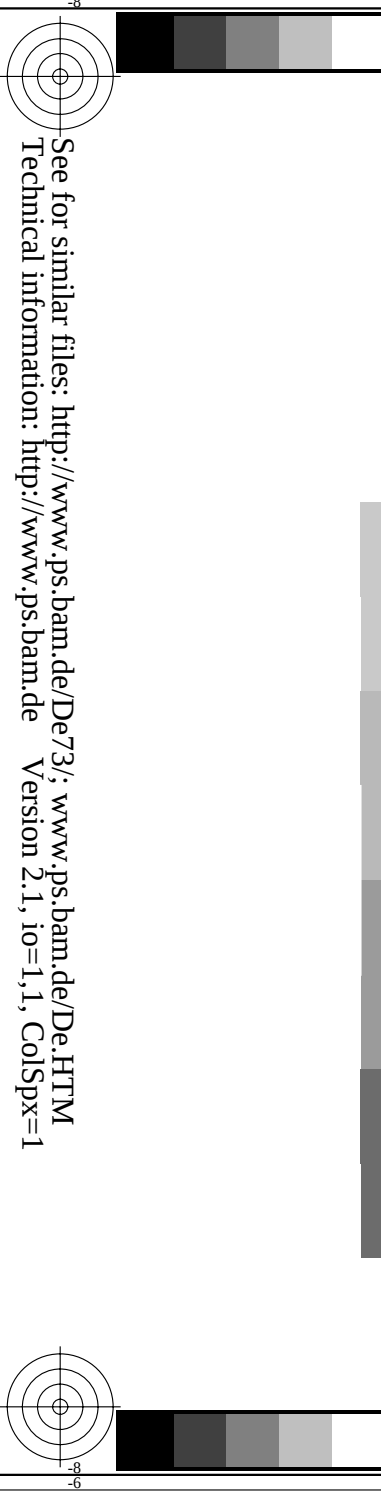
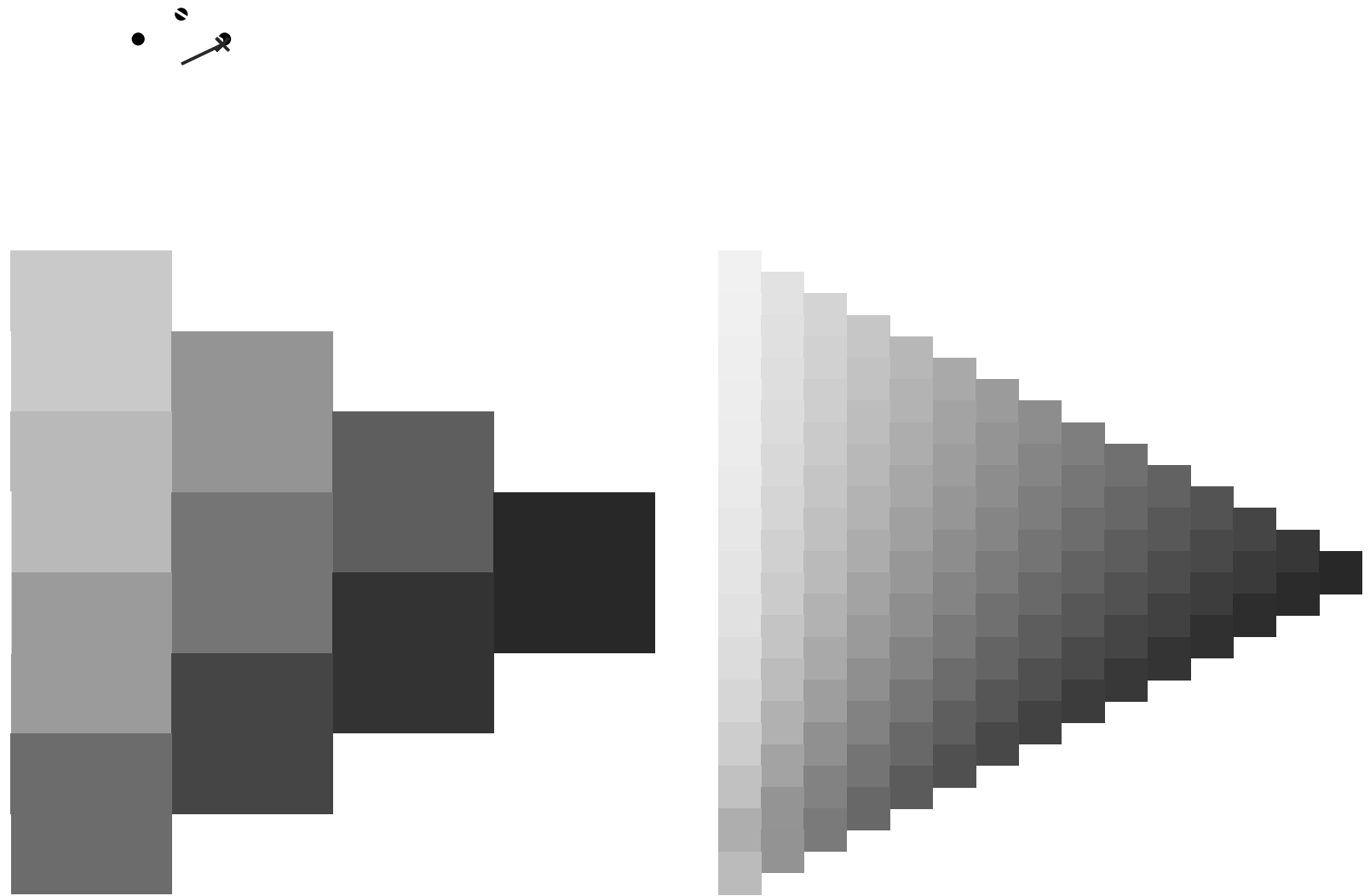
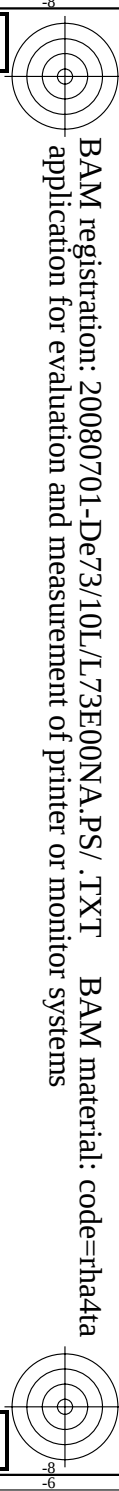
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

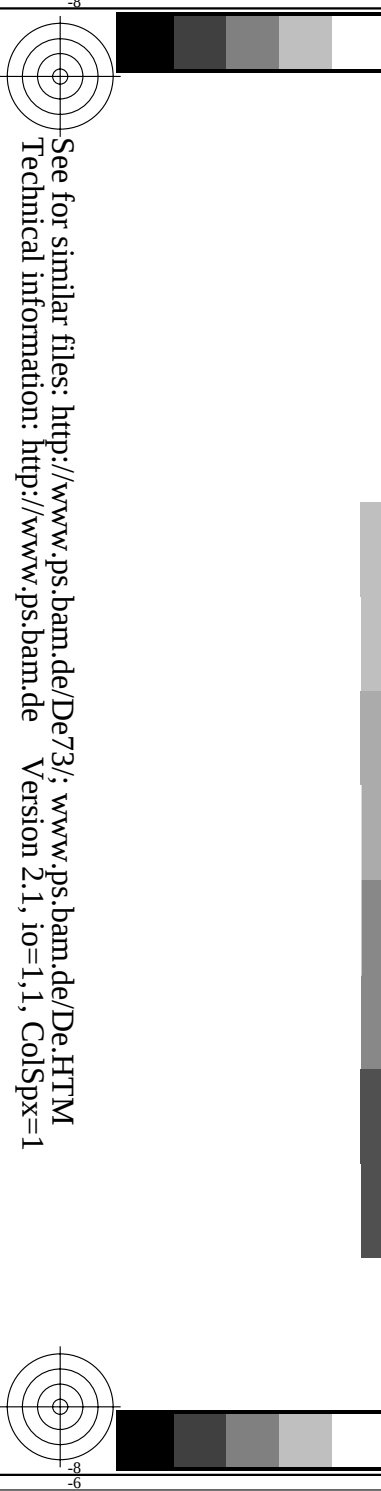
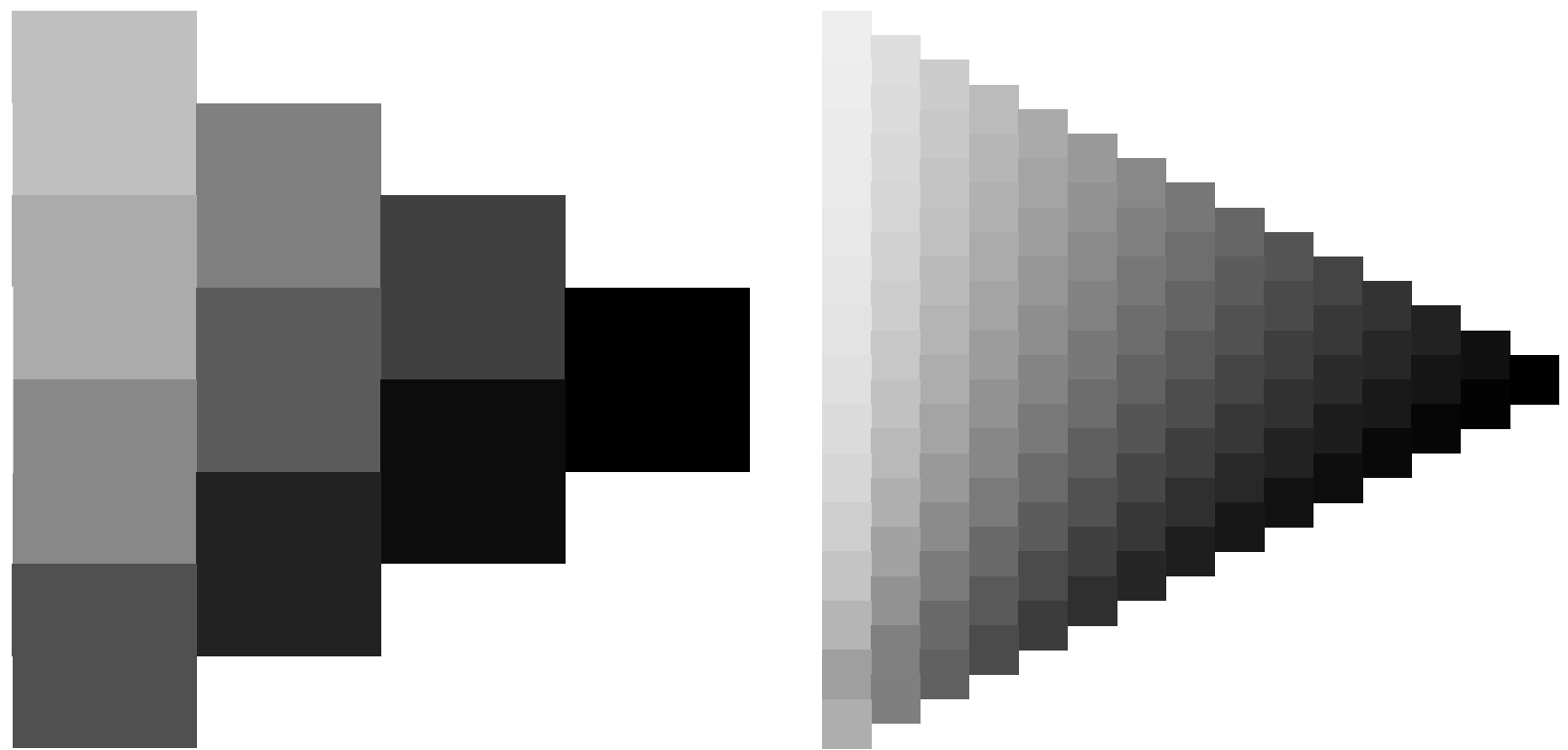
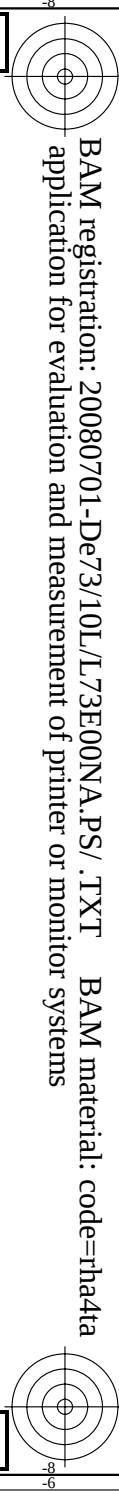


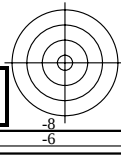
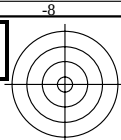
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De.HTM
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems



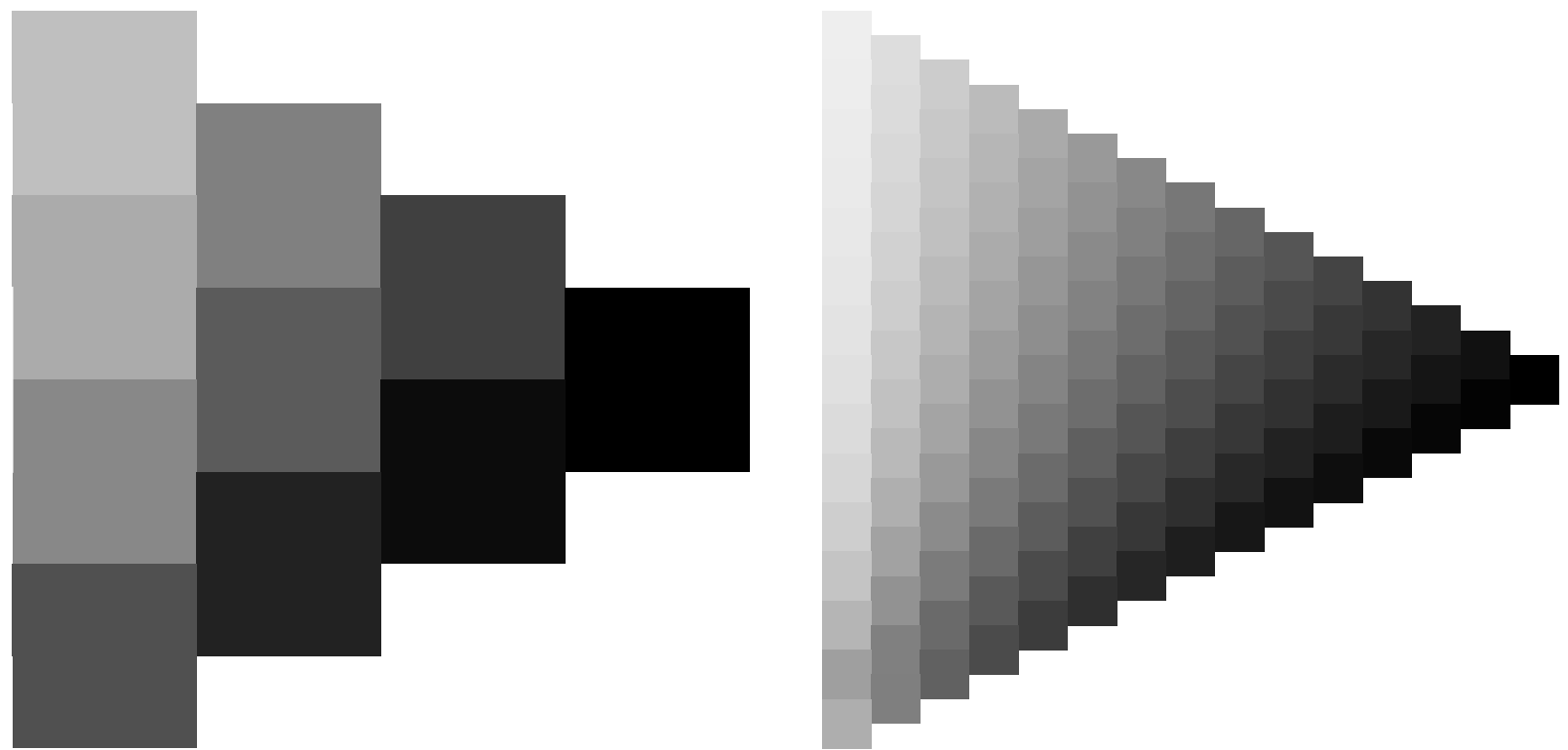




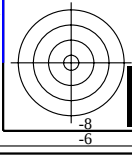
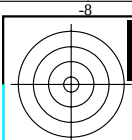


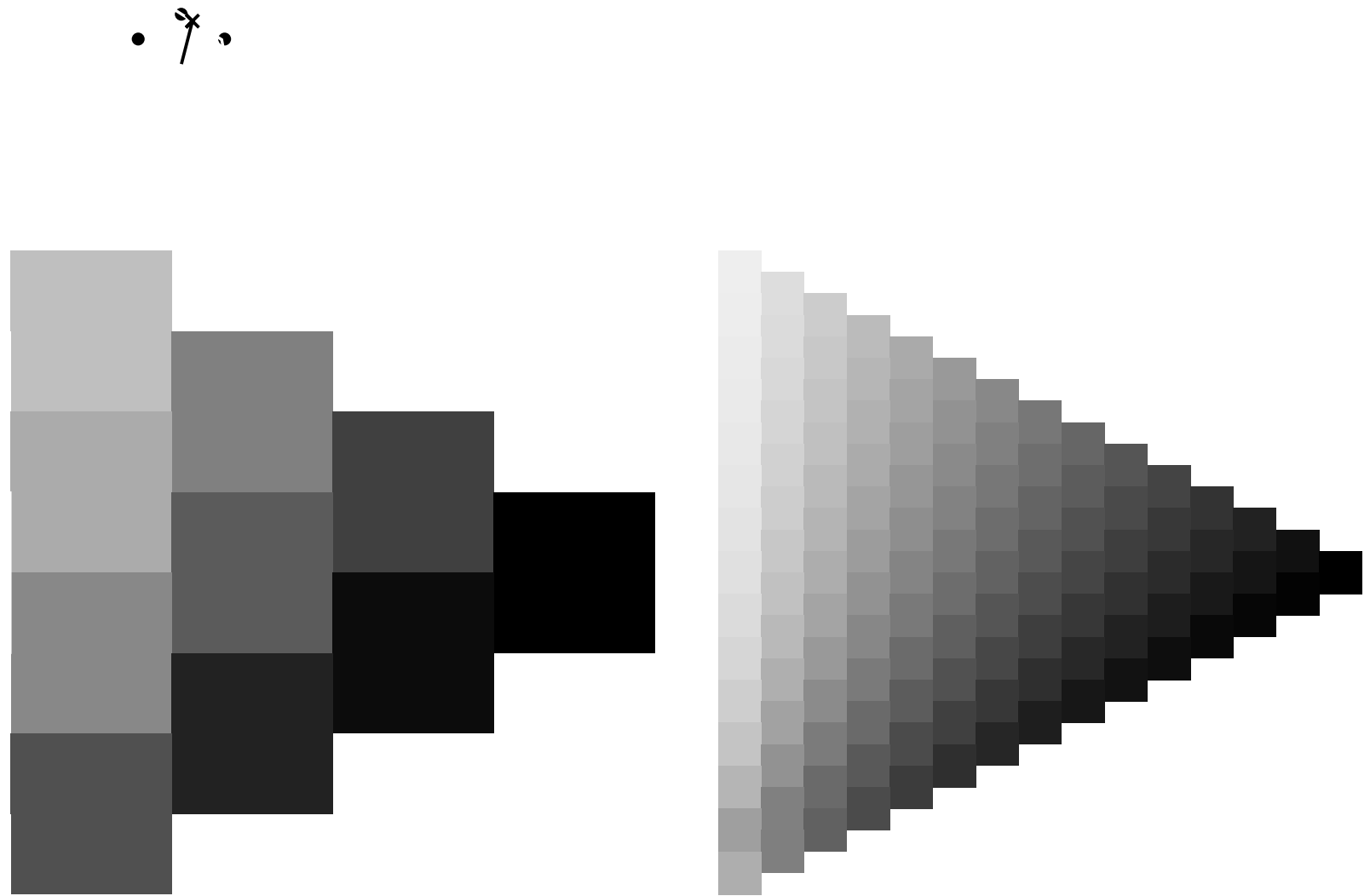
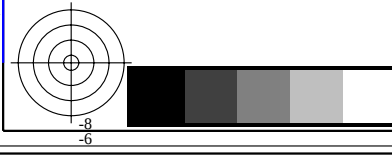
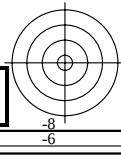
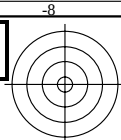
input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor

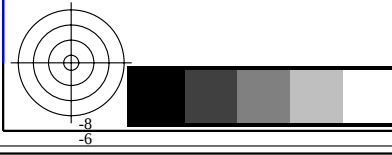
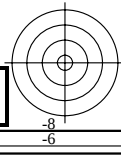
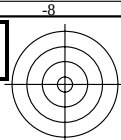
BAM-test chart De73; Colorimetric systems, Page 76/108
colour scales and 3 separations for 16 hues *r00j* to *b75r*



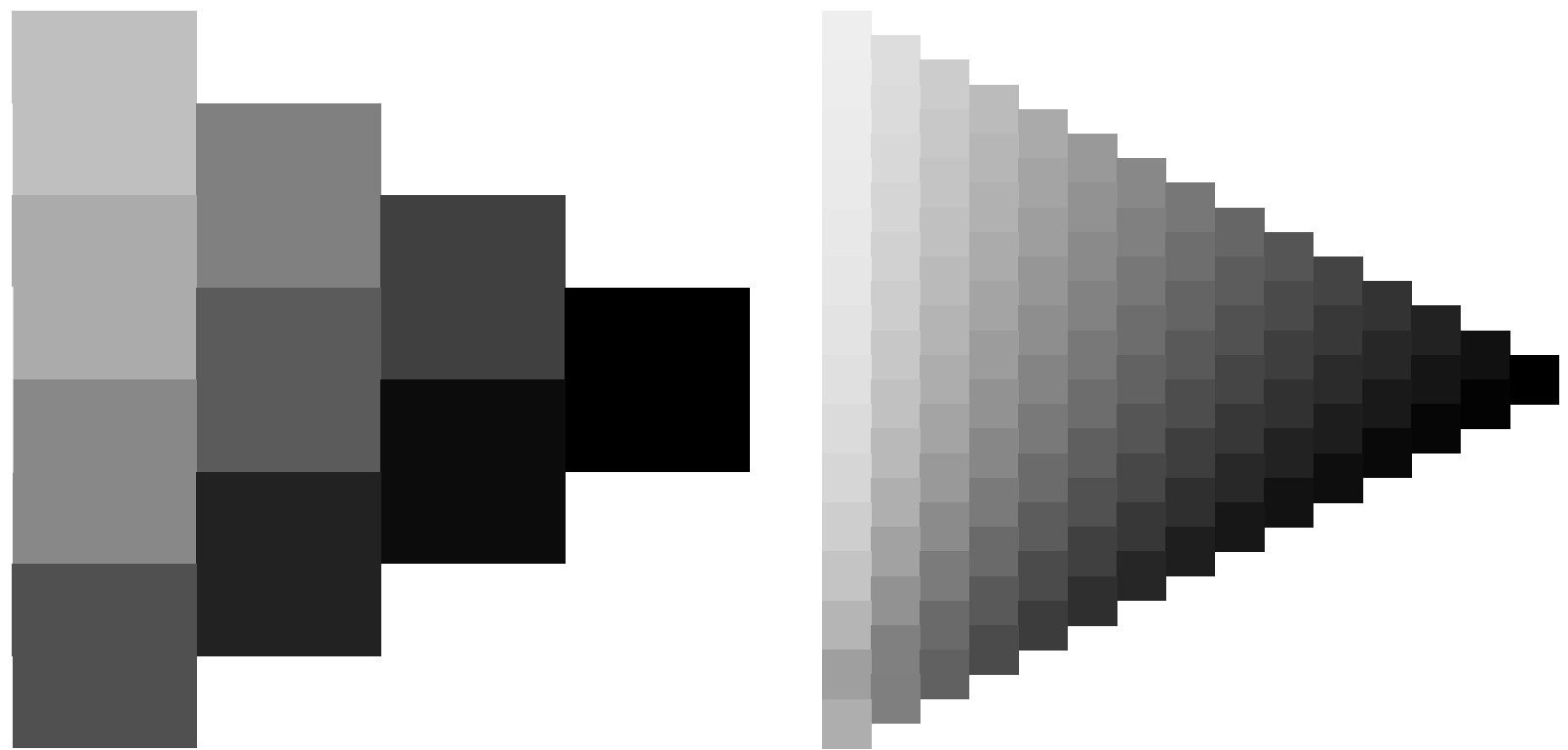
www.ps.bam.de/De73/10L/L73E00NA.PS/.TXT, Page 76/108; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D); Separation: *cmyn*

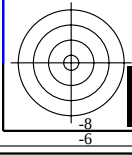
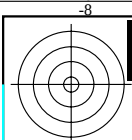
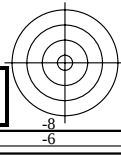
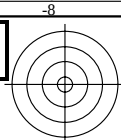




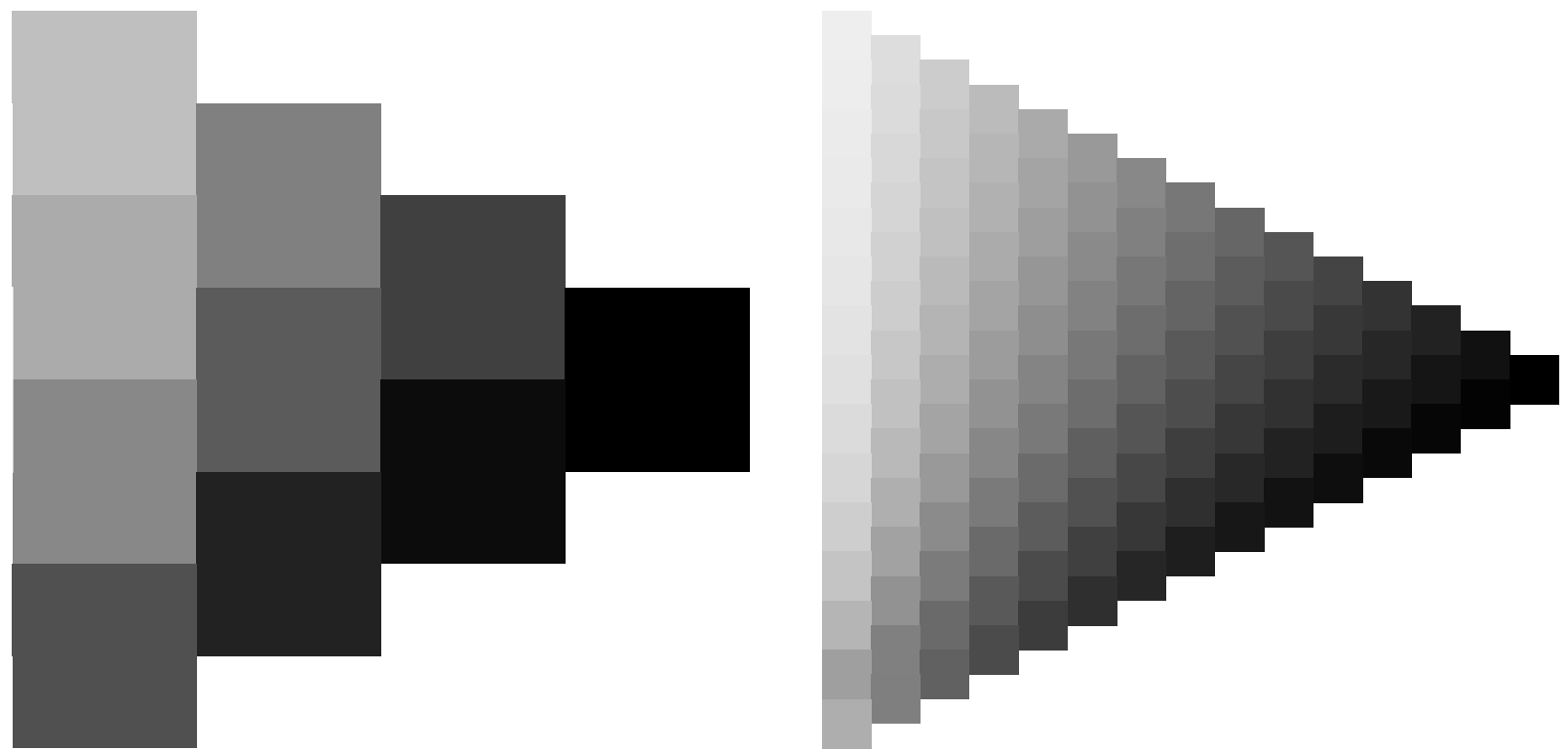


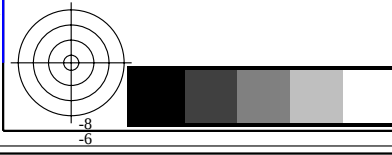
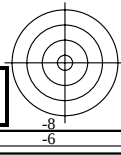
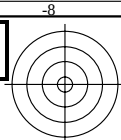
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1



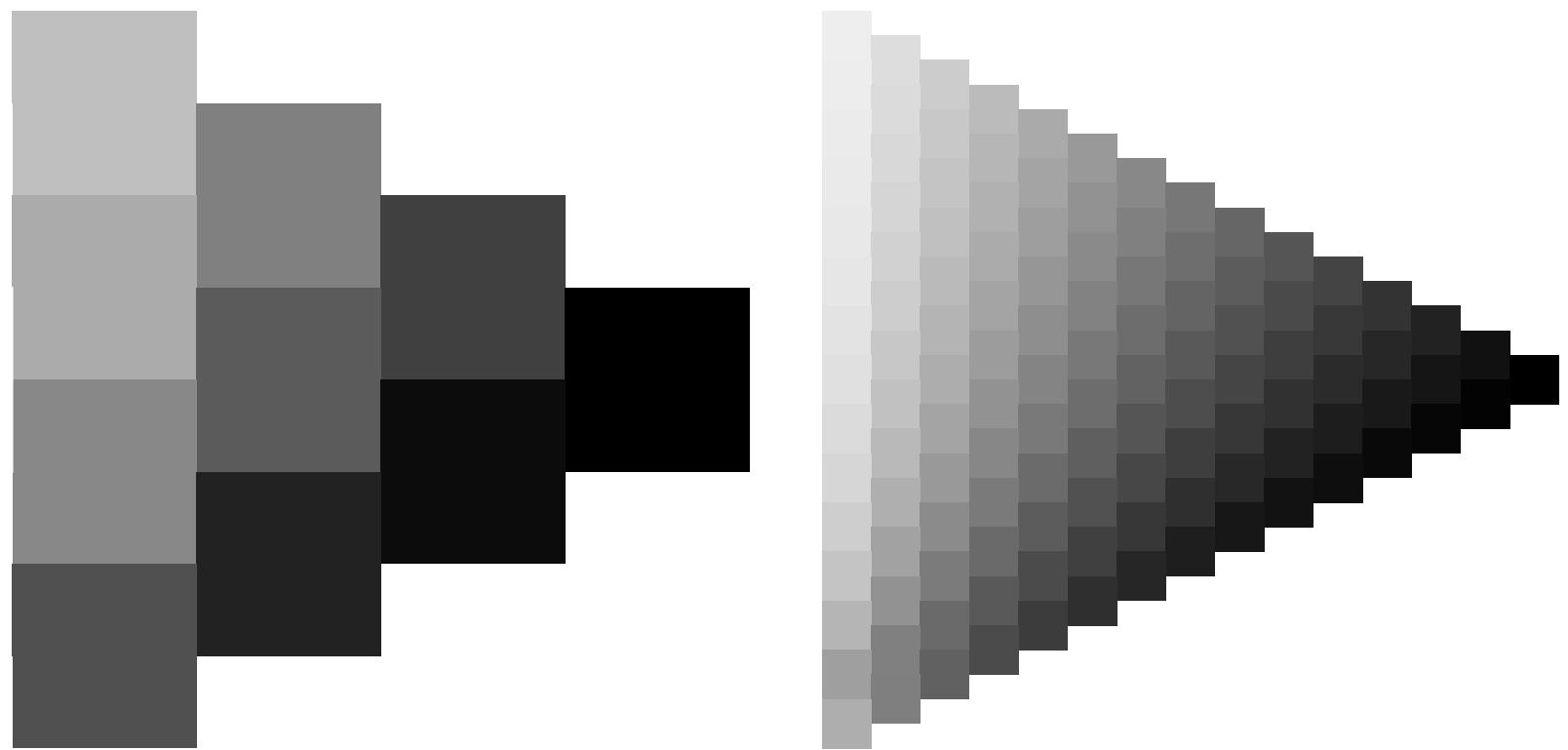


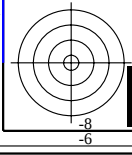
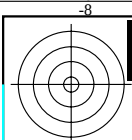
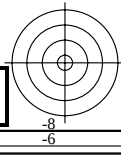
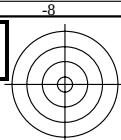
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1



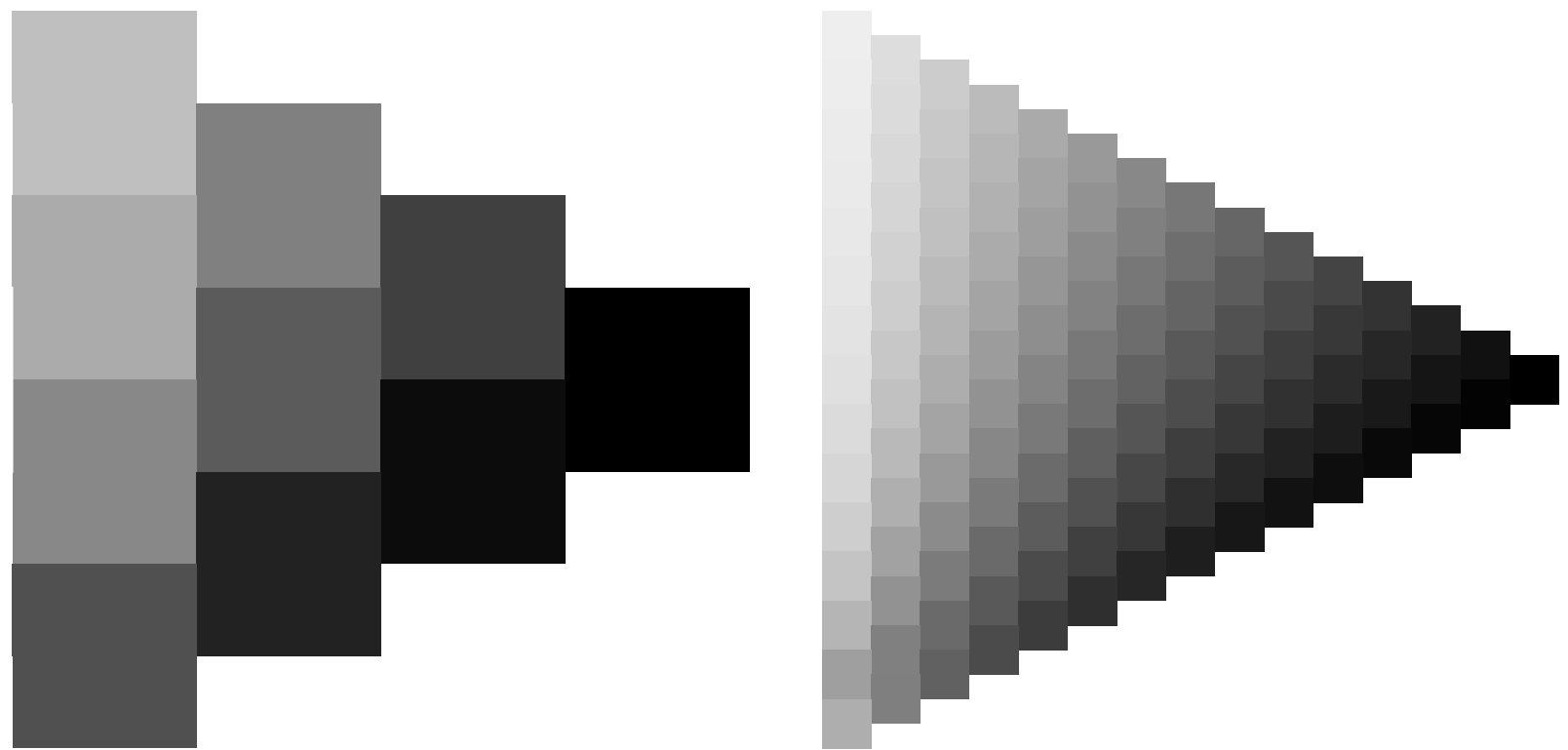


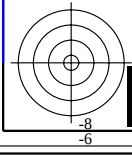
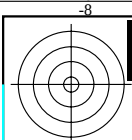
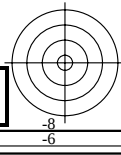
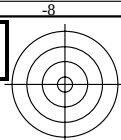
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1



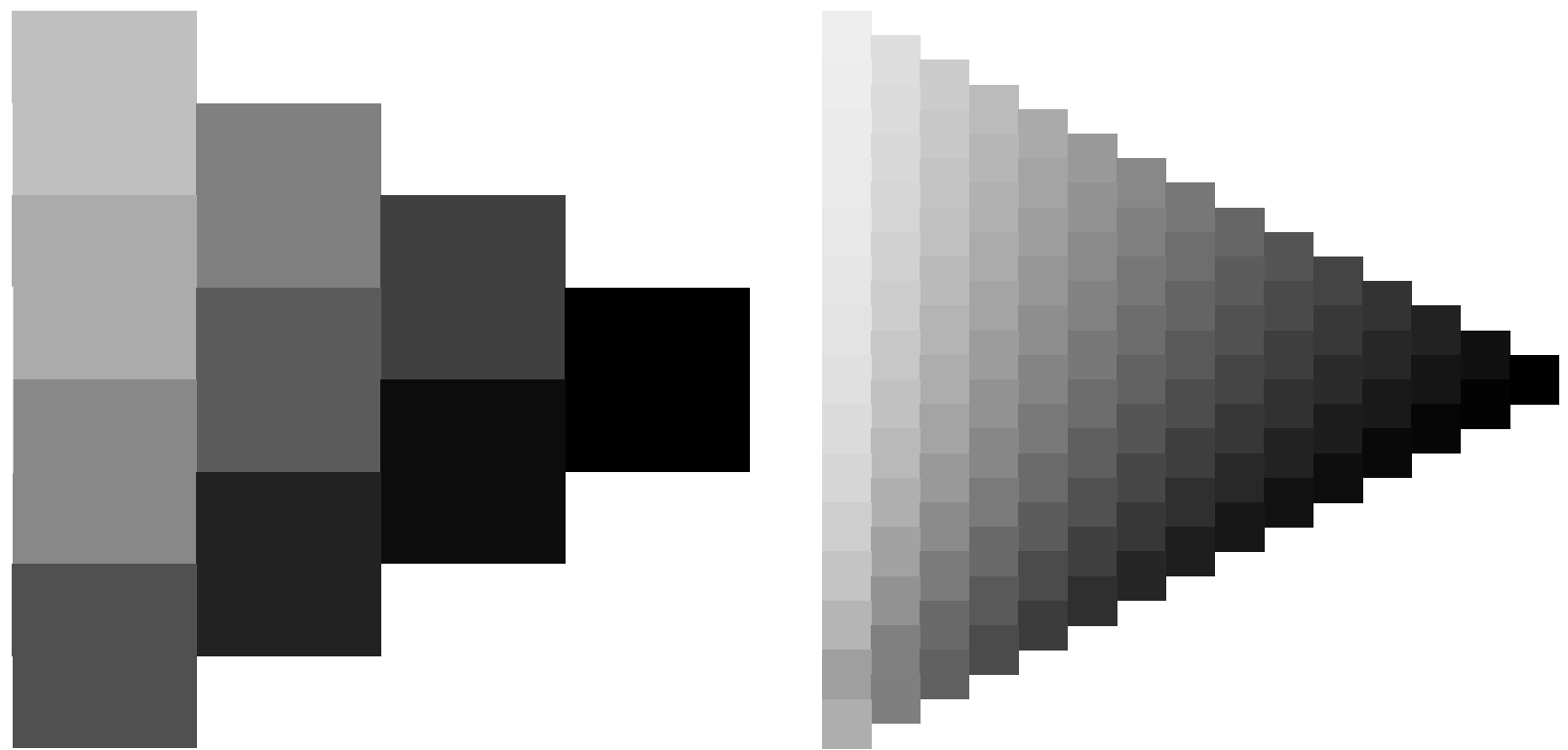


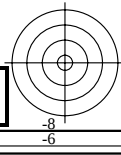
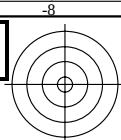
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1





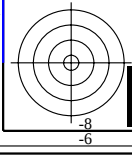
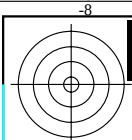
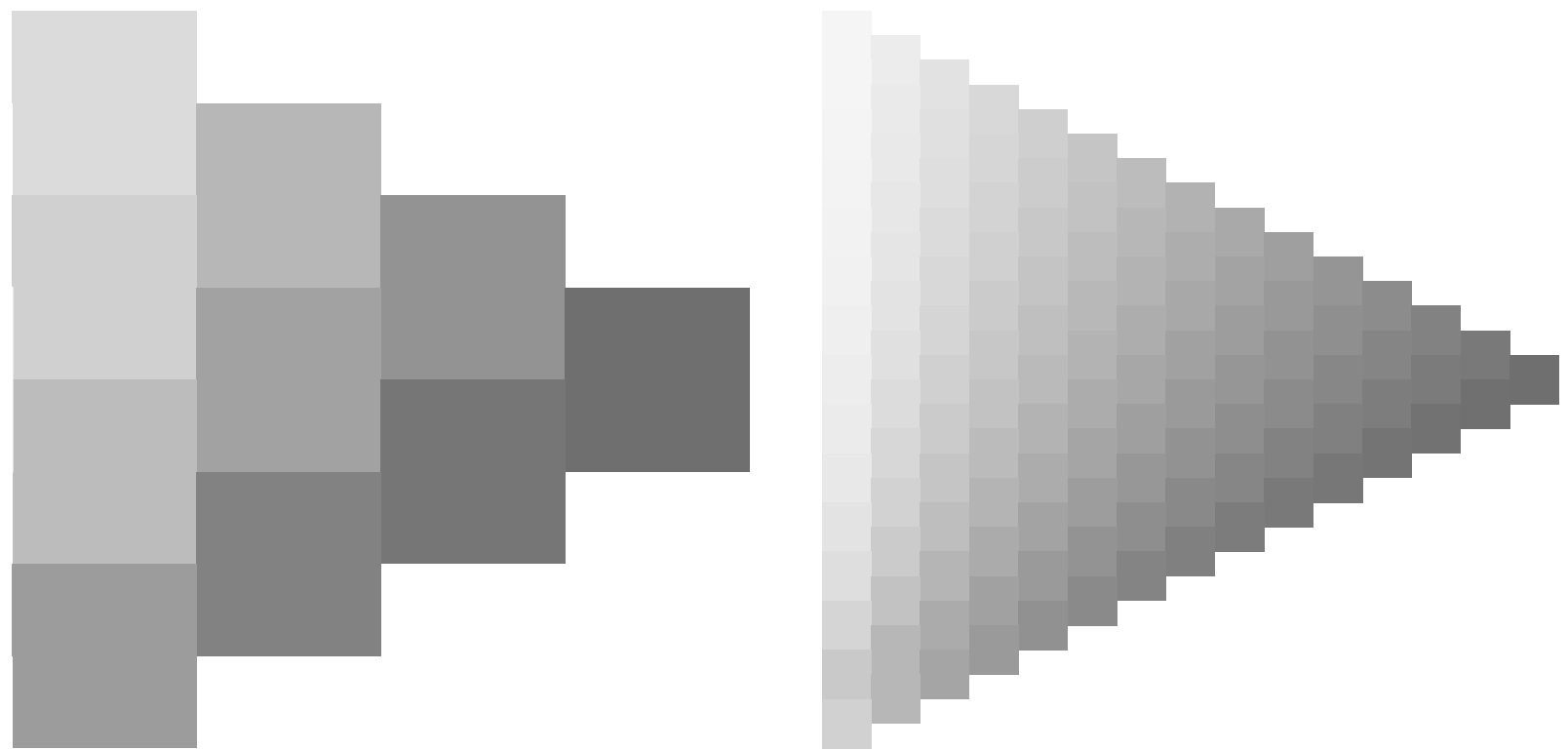
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

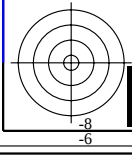
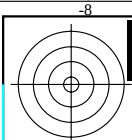
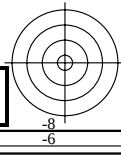
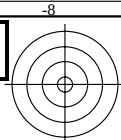




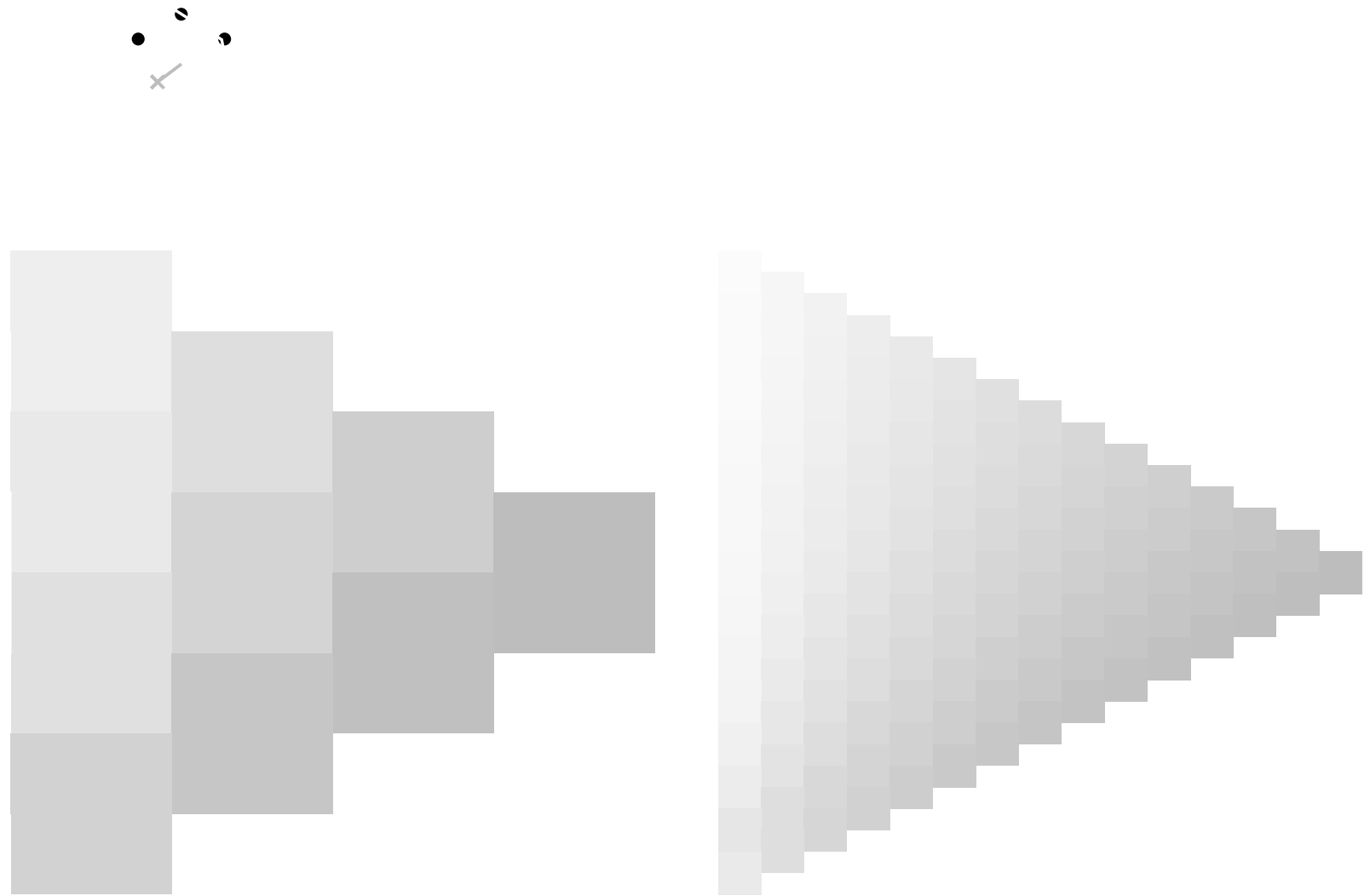
input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor

BAM-test chart De73; Colorimetric systems, Page 83/108
colour scales and 3 separations for 16 hues *r00j* to *b75r*





See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1



BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

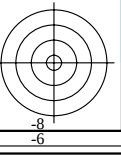
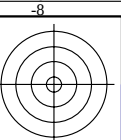
See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

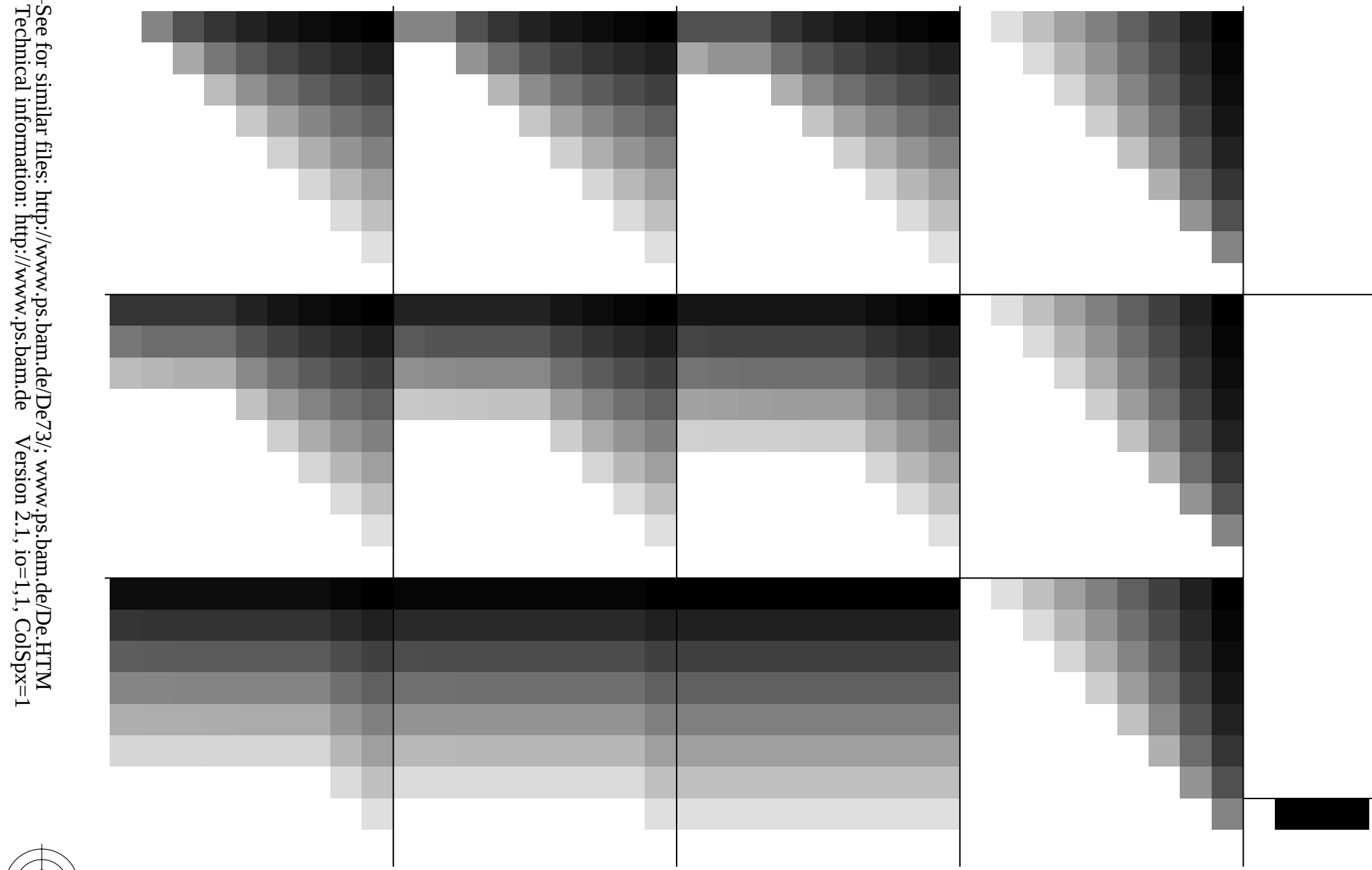
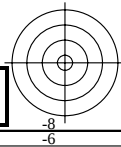
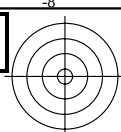
BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1



See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

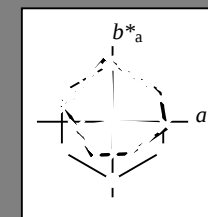




See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

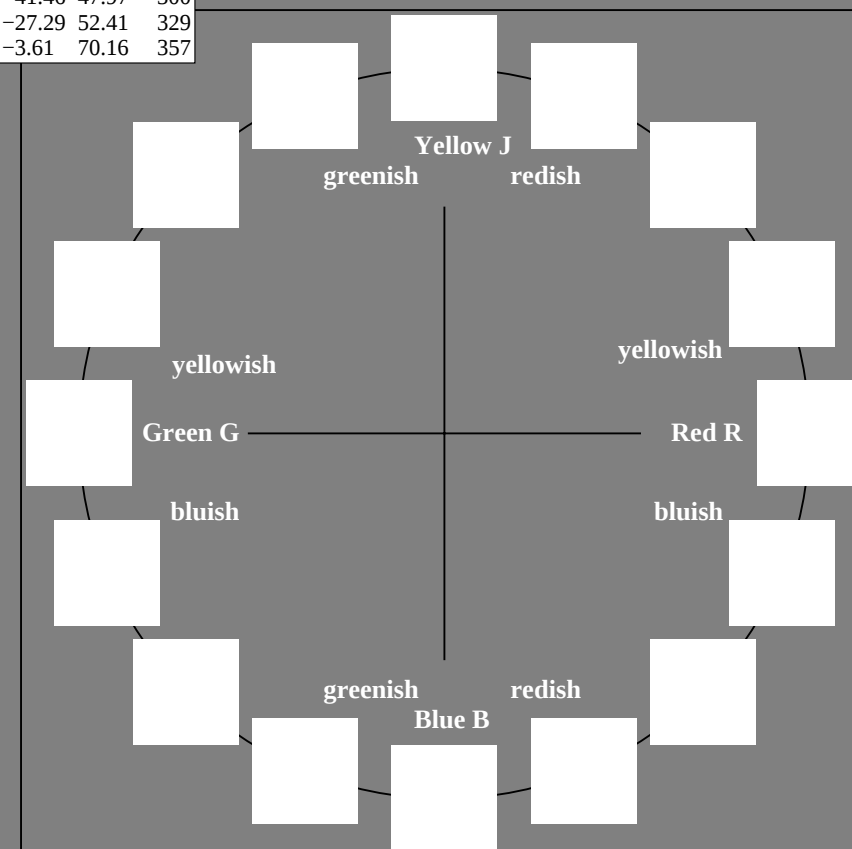
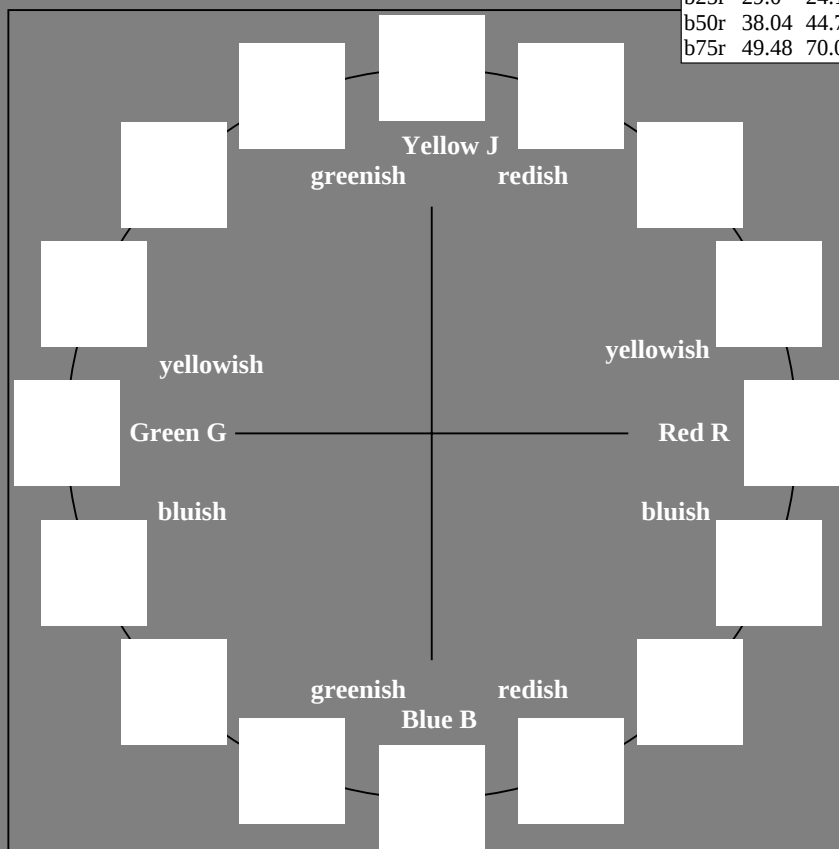
Input and output:
Colorimetric Printer Reflective System ORS20_95a
data for any colour:
*lab*_{rch}** and *lab*_{icu}**
elementary hue text:
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*
contrast reduction factor:
 $c_R = 0.96$

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



%Gamut
 $u^*_{rel} = 83$
%Regularity
 $g^*_{H,rel} = 72$
 $g^*_{C,rel} = 57$

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

lab^*tch^* and lab^*icu^*

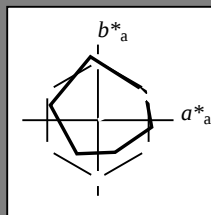
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 64 30

$LAB^*LCH^*_{Ma}$: 49 71 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.16

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

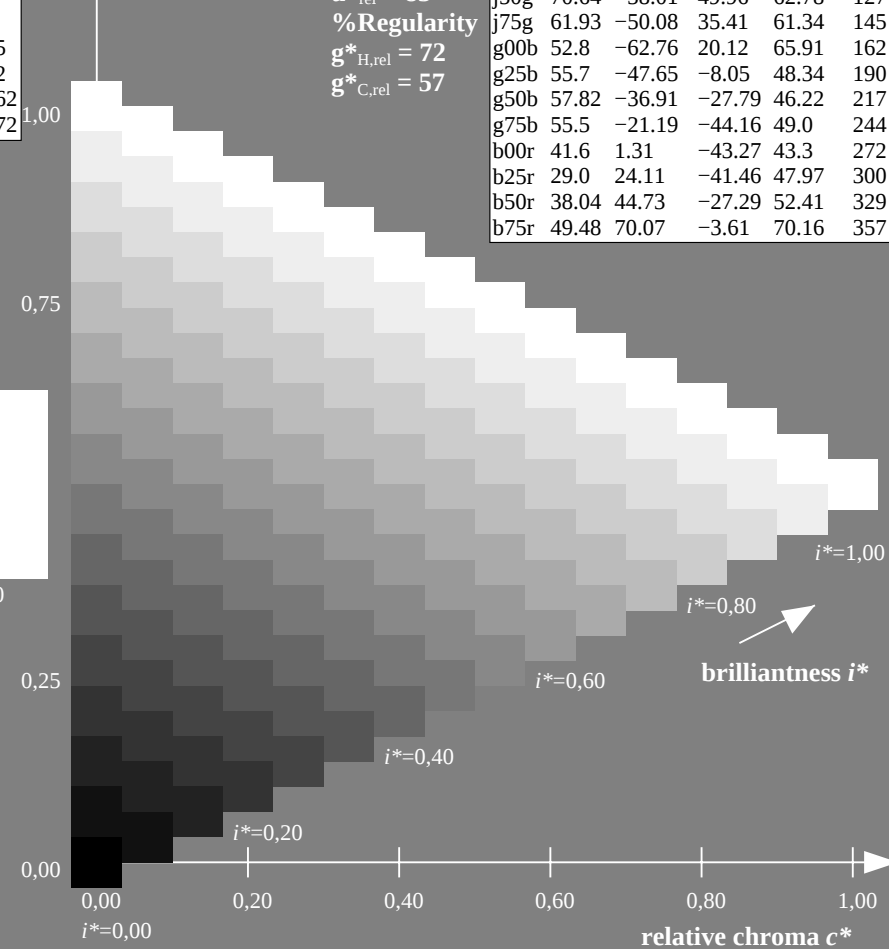
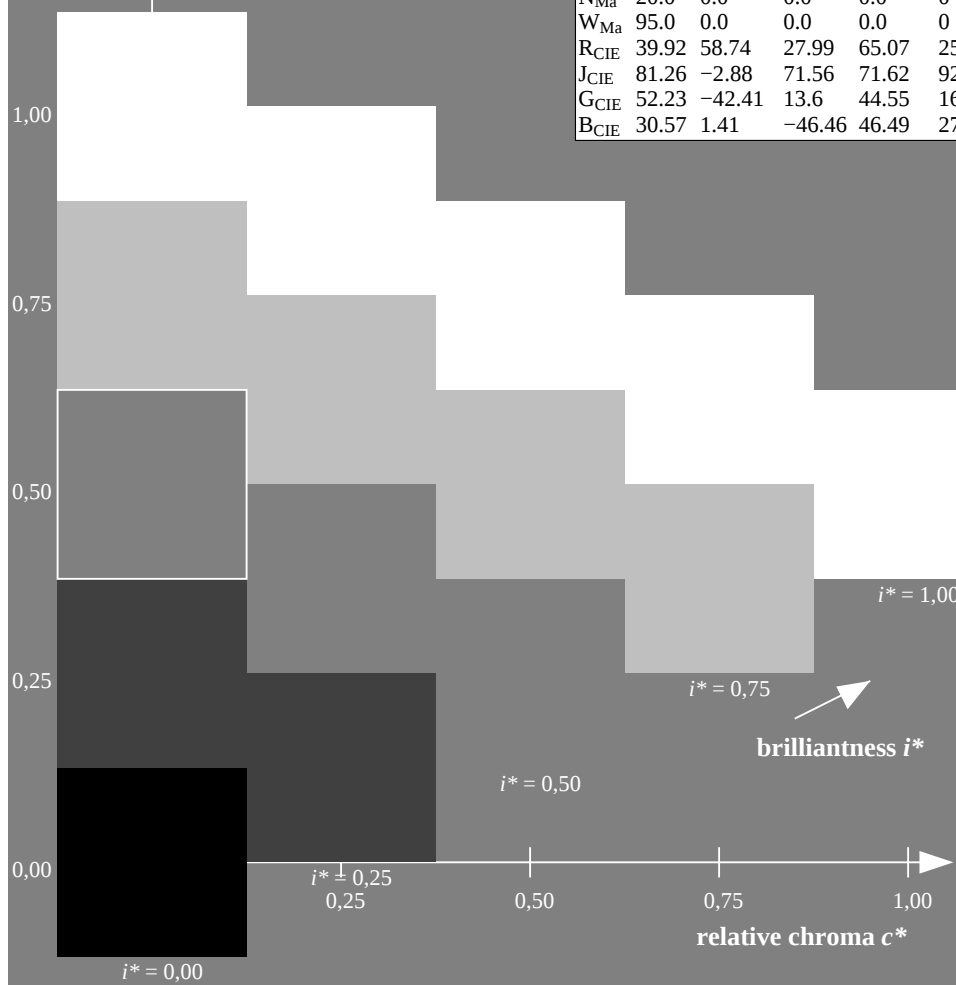
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

lab^*tch^* and lab^*icu^*

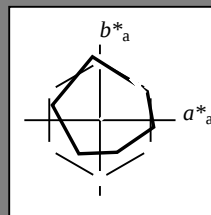
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 50 46

$LAB^*LCH^*_{Ma}$: 56 68 42

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

$lab^*olv^*_{Ma}$: 1.0 0.17 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

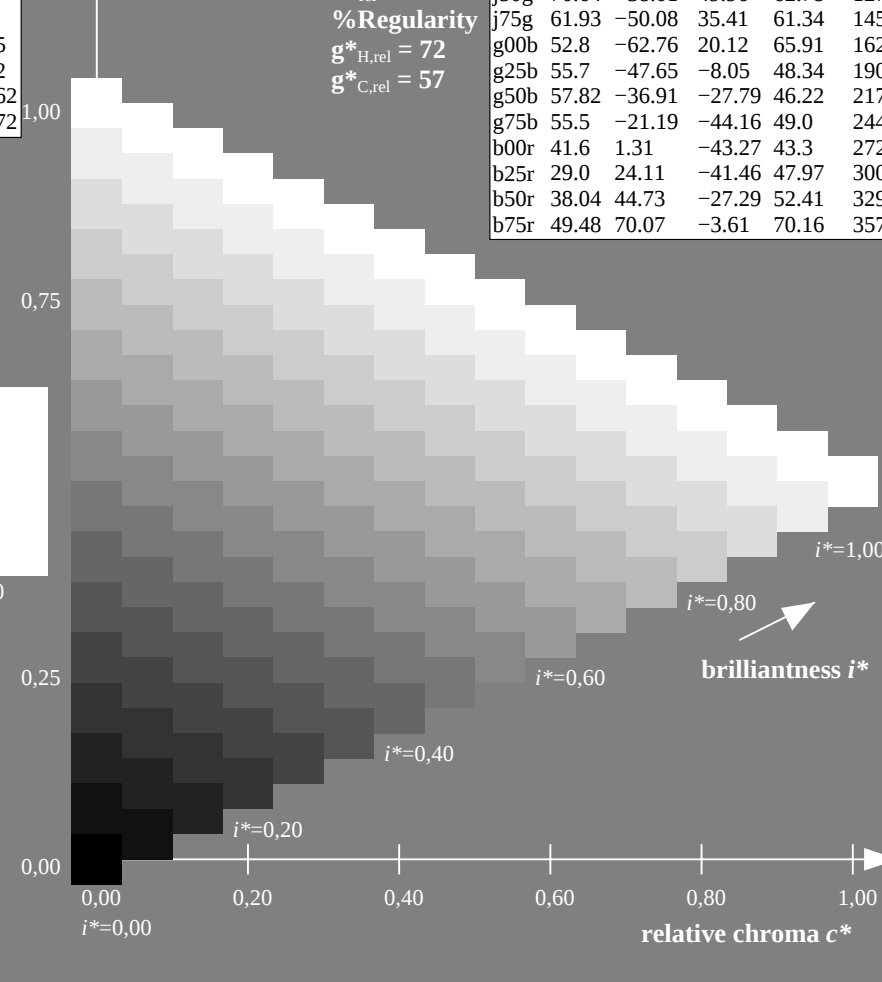
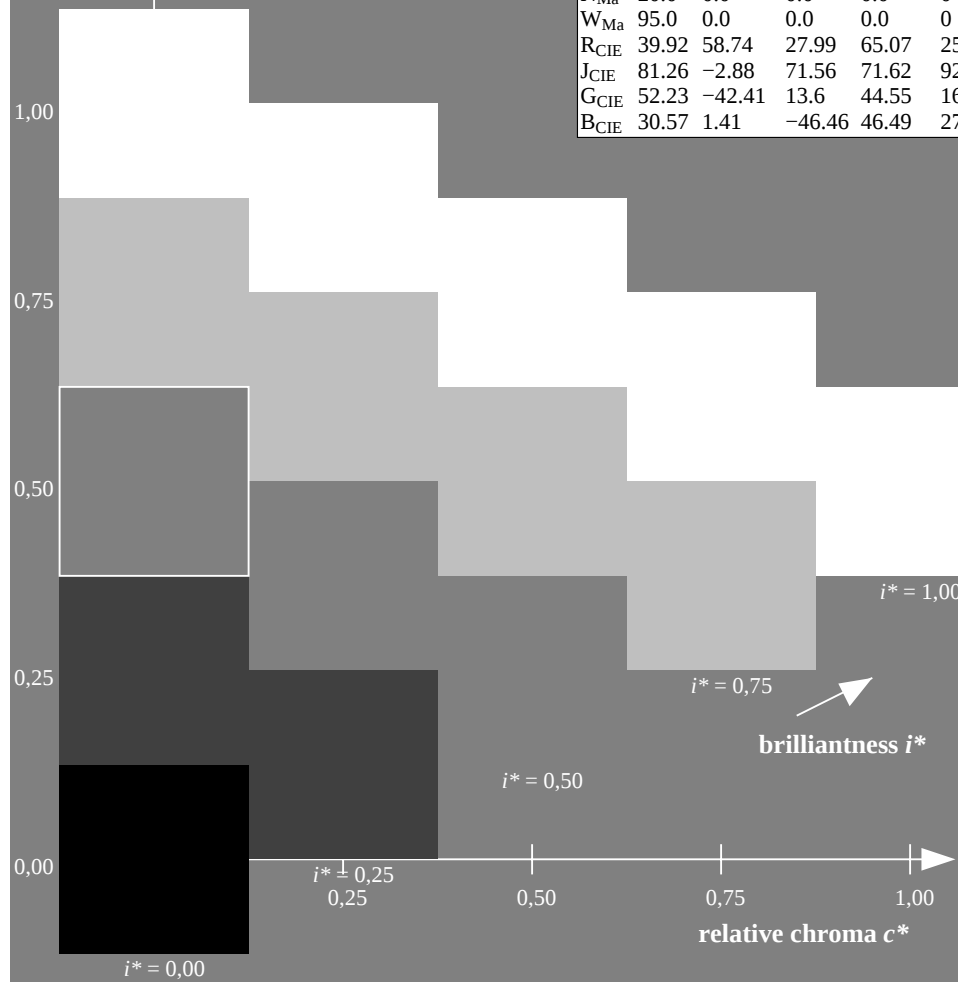
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

lab^*tch^* and lab^*icu^*

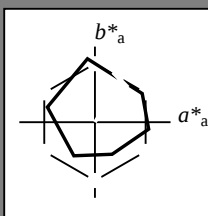
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 65 34 56

$LAB^*LCH^*_{Ma}$: 65 66 59

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

$lab^*olv^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

%Gamut

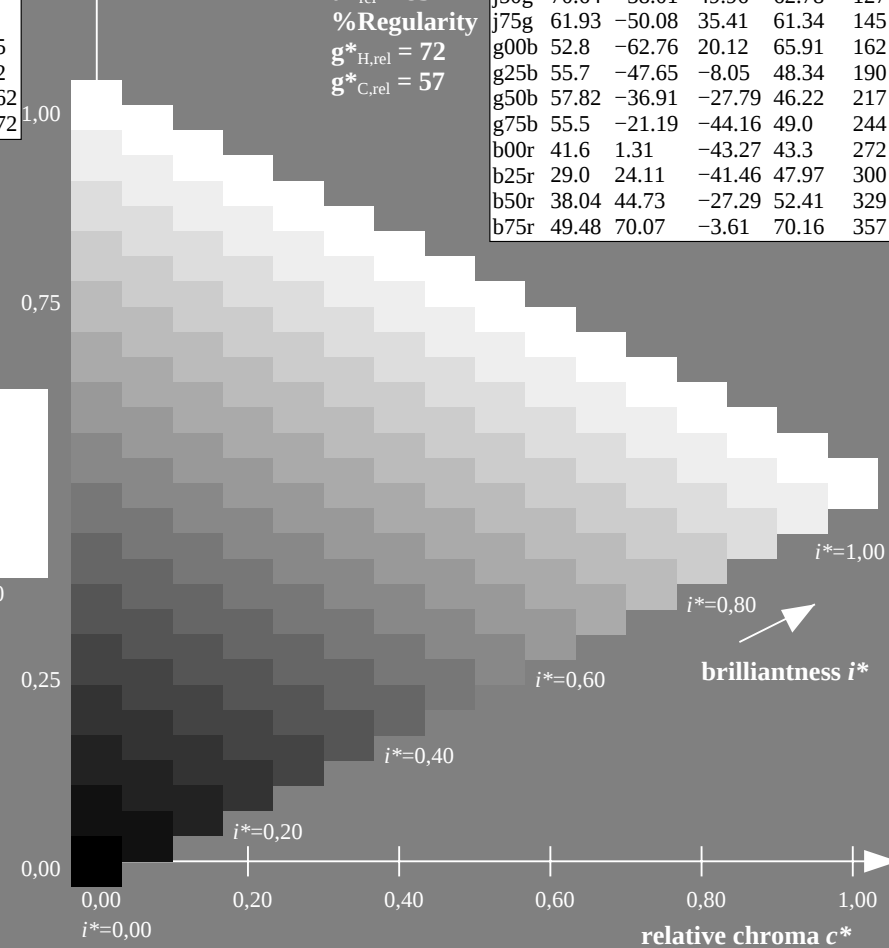
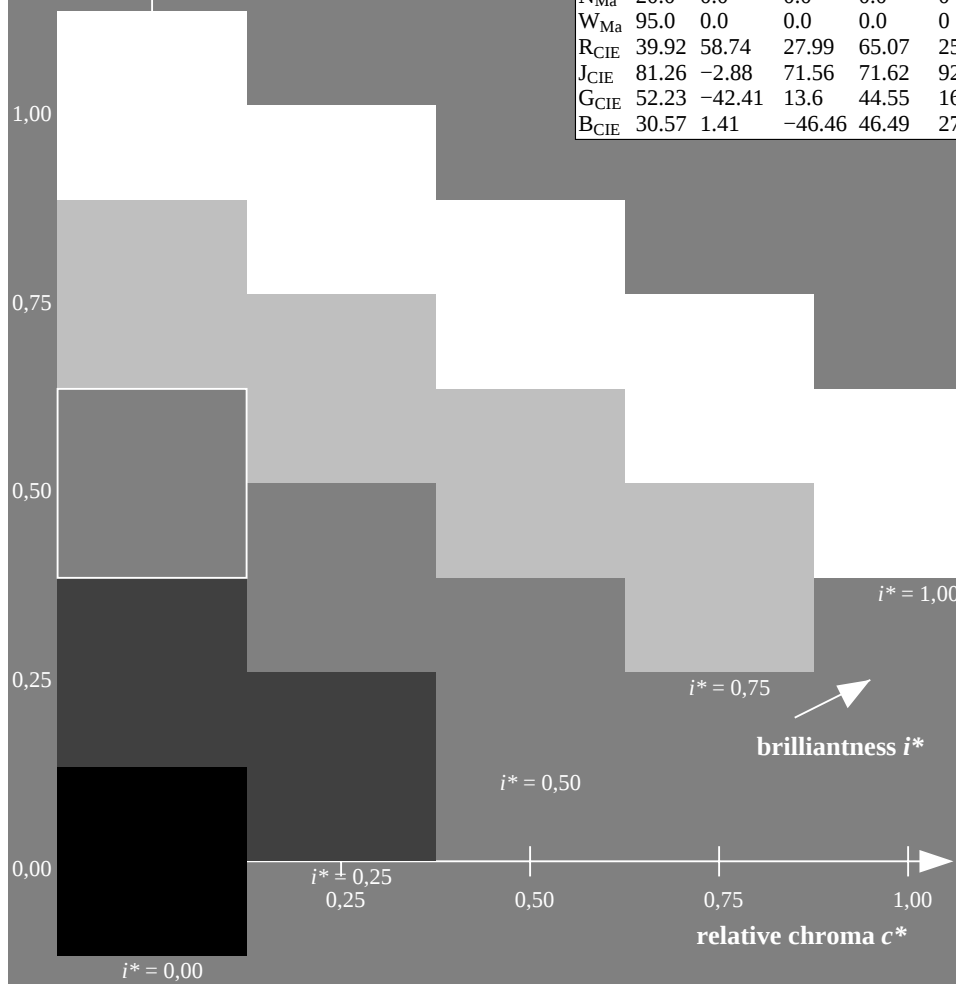
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

lab^*tch^* and lab^*icu^*

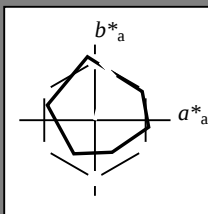
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 75 17 67

$LAB^*LCH^*_{Ma}$: 75 69 76

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

$lab^*olv^*_{Ma}$: 1.0 0.63 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

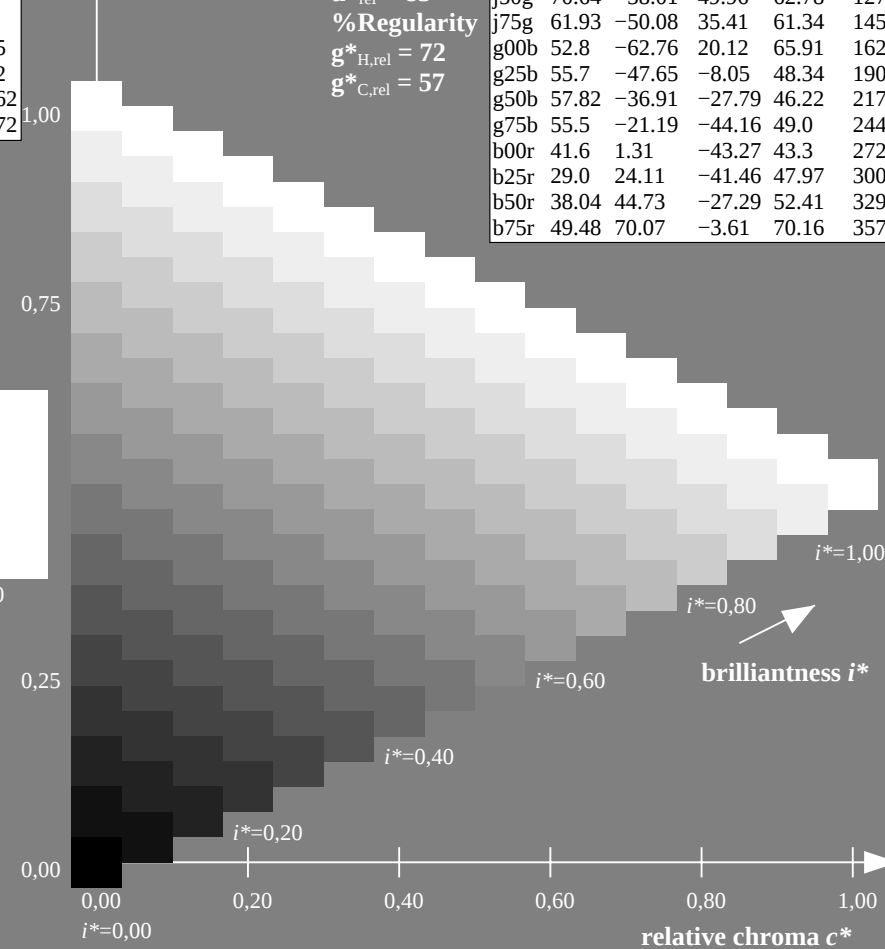
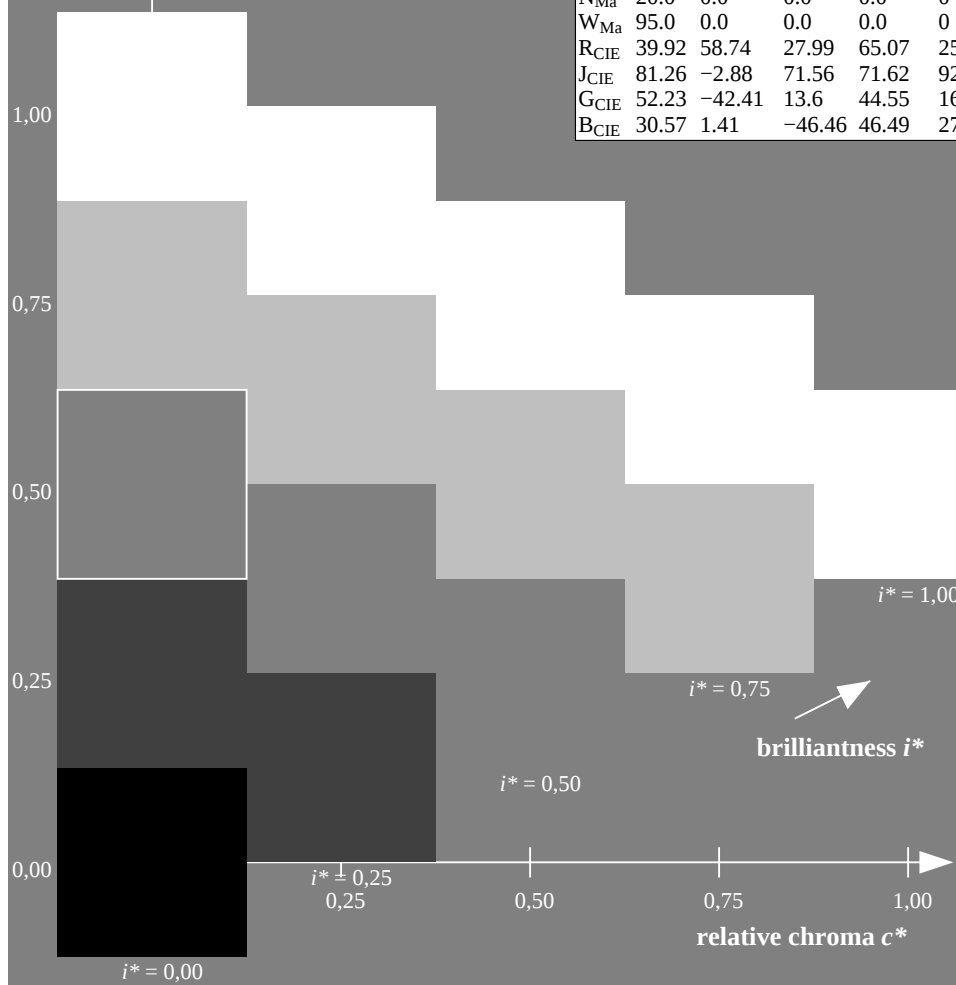
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

lab^*tch^* and lab^*icu^*

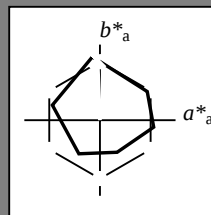
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 87 -2 80

$LAB^*LCH^*_{Ma}$: 87 80 92

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

$lab^*olv^*_{Ma}$: 1.0 0.91 0.0

triangle lightness t^*

%Gamut

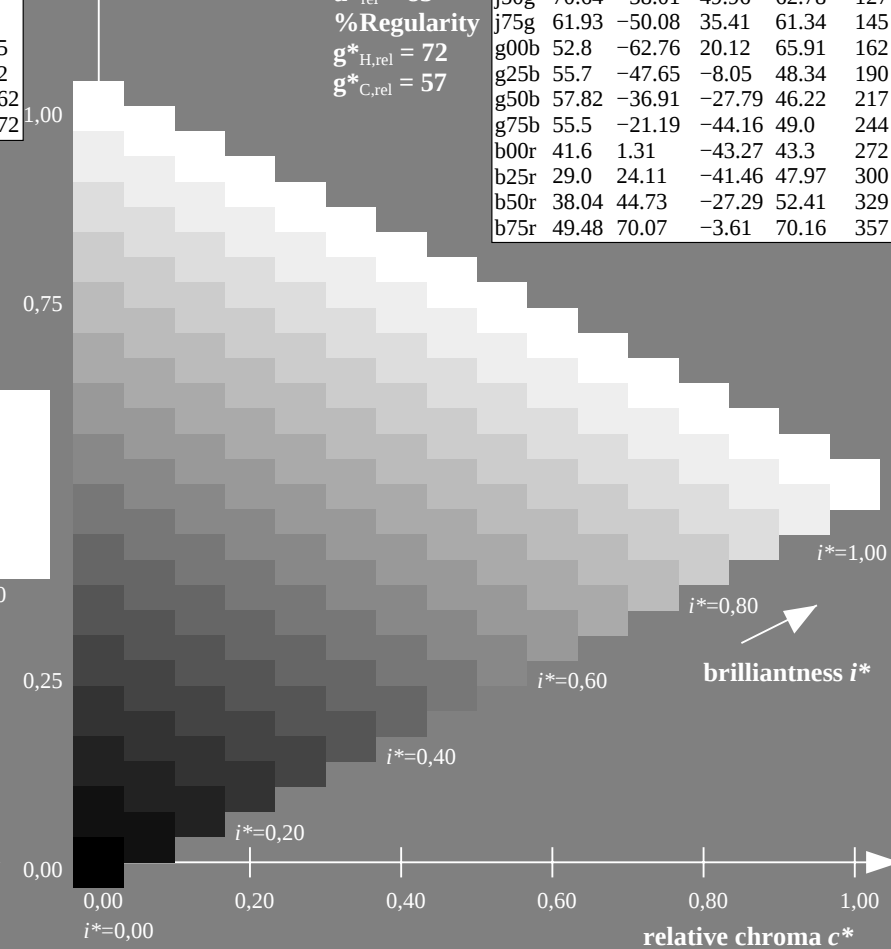
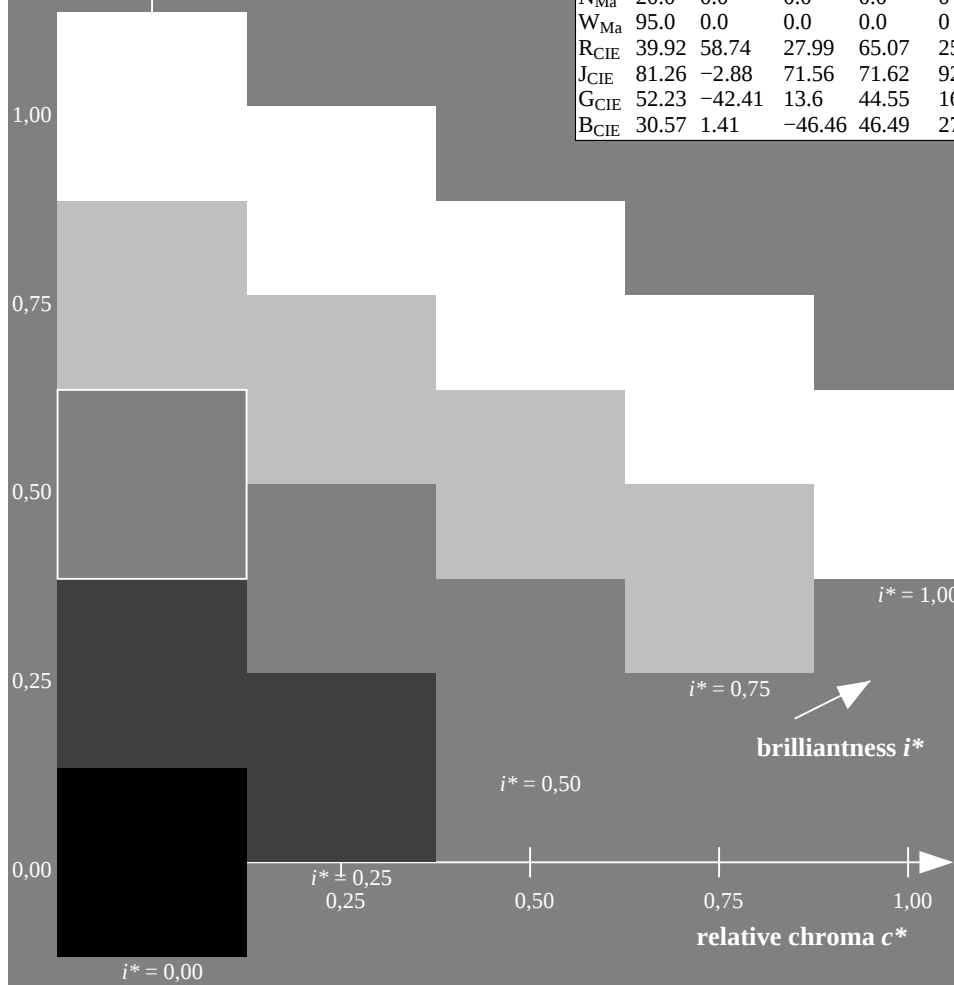
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

lab^*tch^* and lab^*icu^*

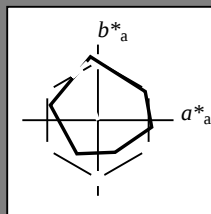
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 81 -23 67

$LAB^*LCH^*_{Ma}$: 81 71 110

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

$lab^*olv^*_{Ma}$: 0.73 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

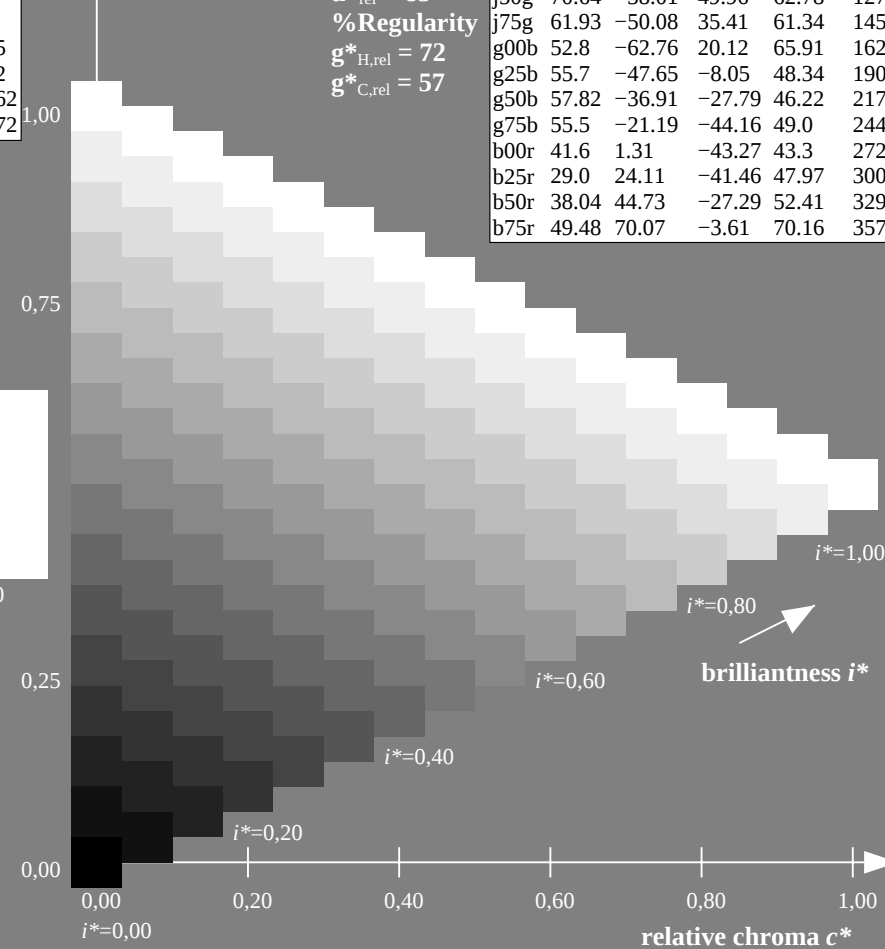
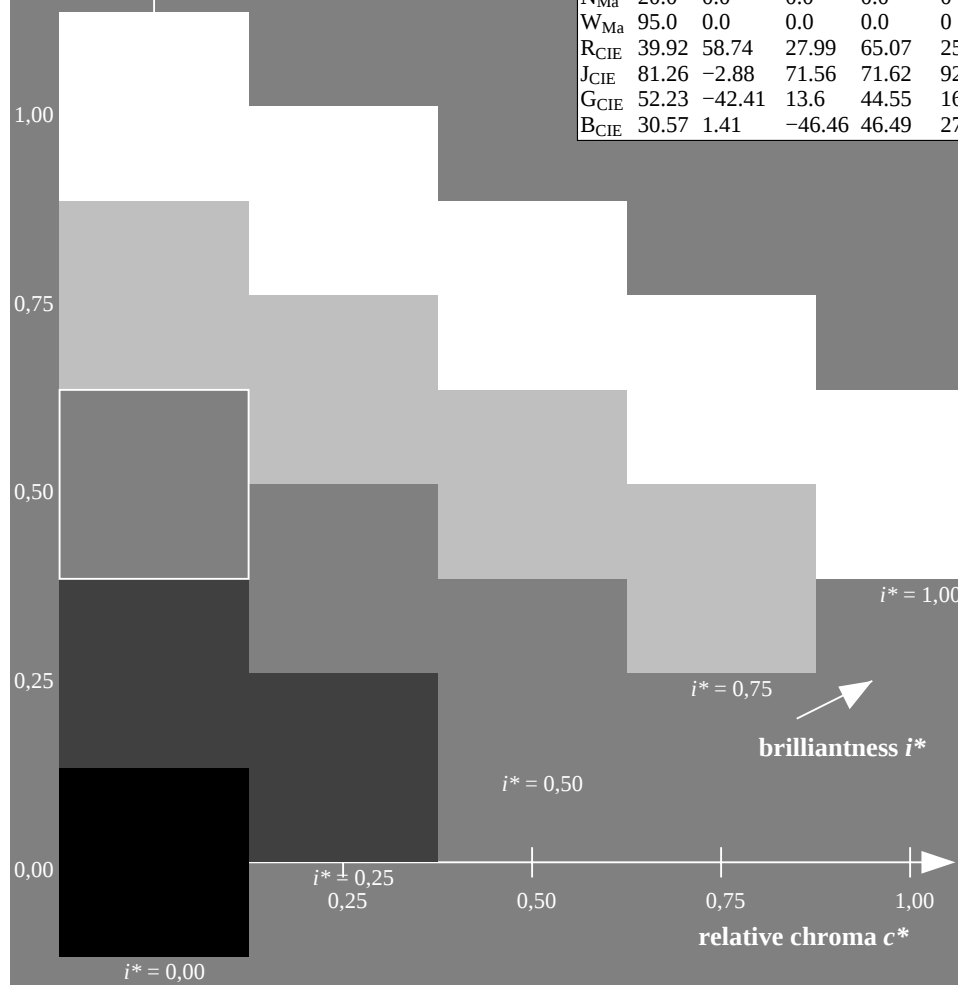
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

lab^*tch^* and lab^*icu^*

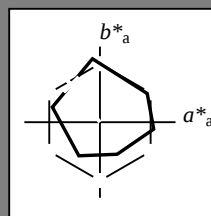
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 71 -37 50

$LAB^*LCH^*_{Ma}$: 71 63 127

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

$lab^*olv^*_{Ma}$: 0.47 1.0 0.0

triangle lightness t^*

%Gamut

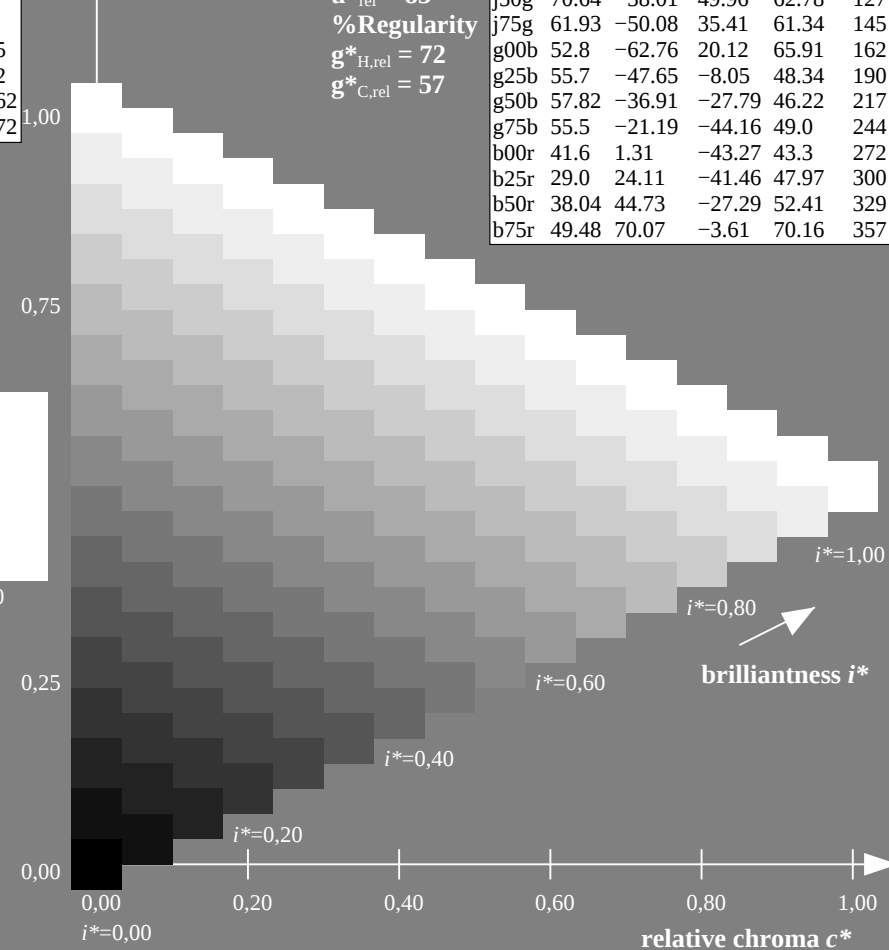
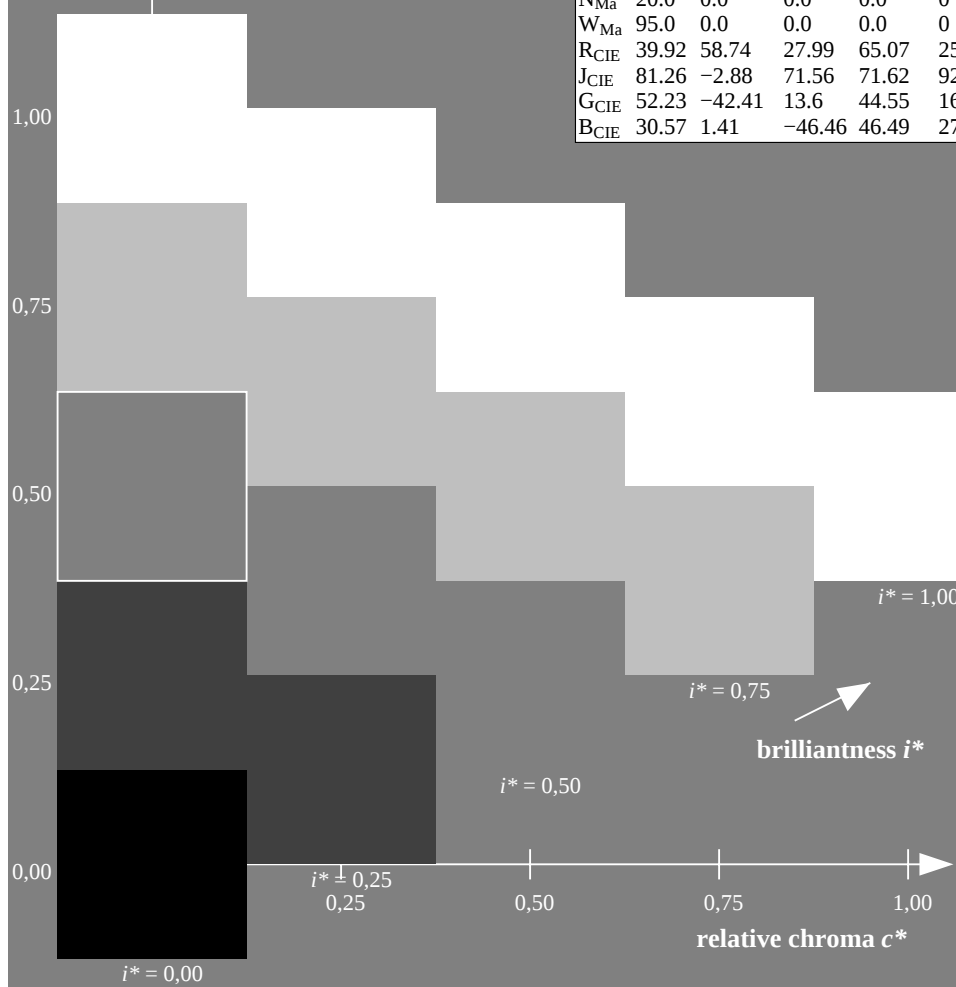
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

lab^*tch^* and lab^*icu^*

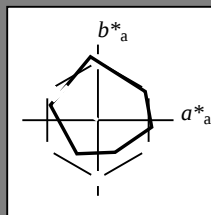
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 62 -49 35

$LAB^*LCH^*_{Ma}$: 62 61 145

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

$lab^*olv^*_{Ma}$: 0.24 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

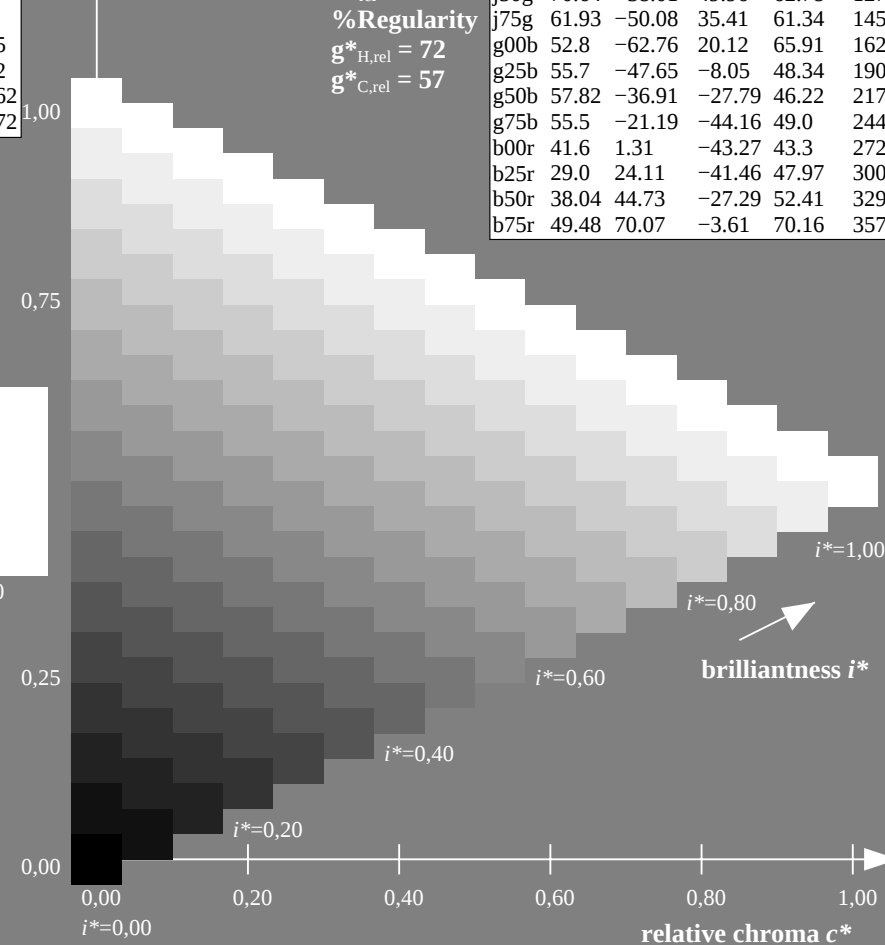
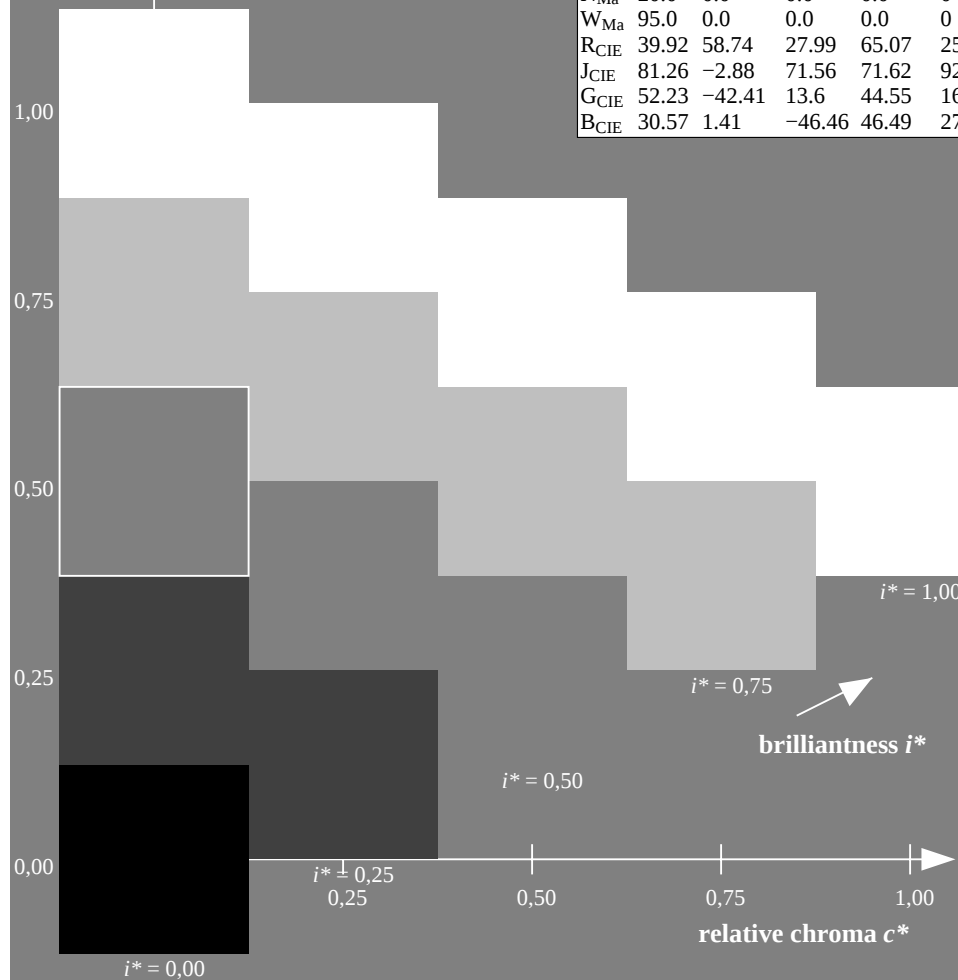
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

lab^*tch^* and lab^*icu^*

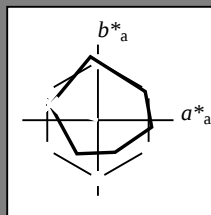
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 53 -62 20

$LAB^*LCH^*_{Ma}$: 53 66 162

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

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

triangle lightness t^*

%Gamut

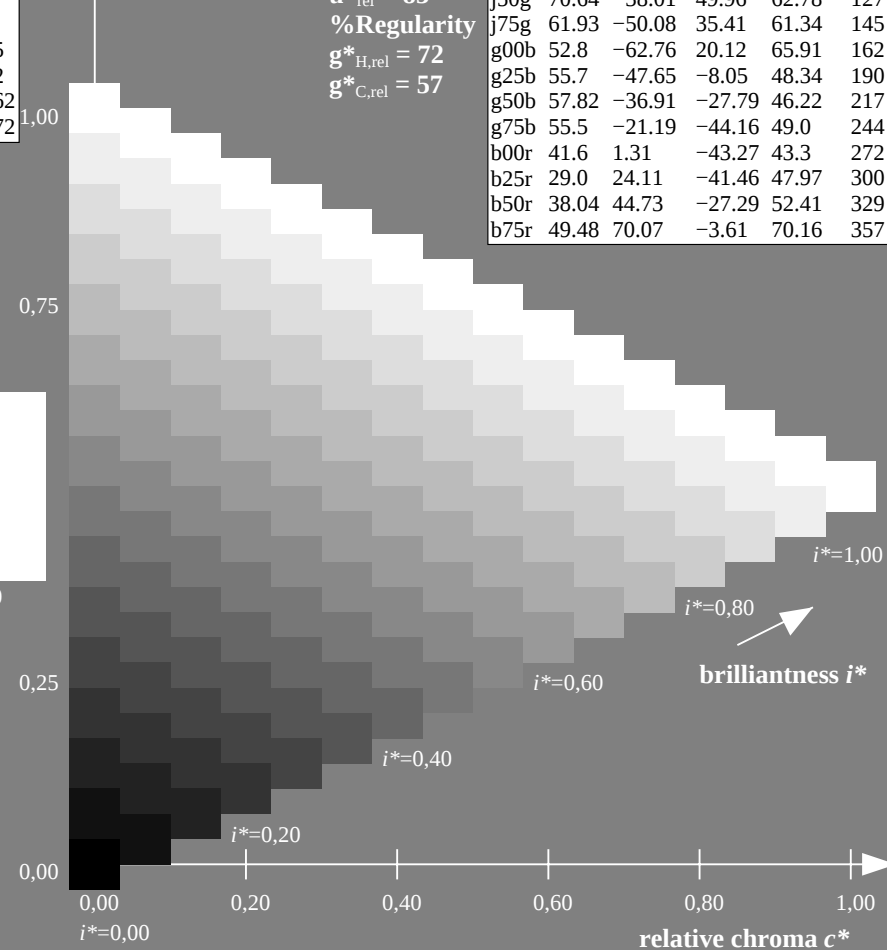
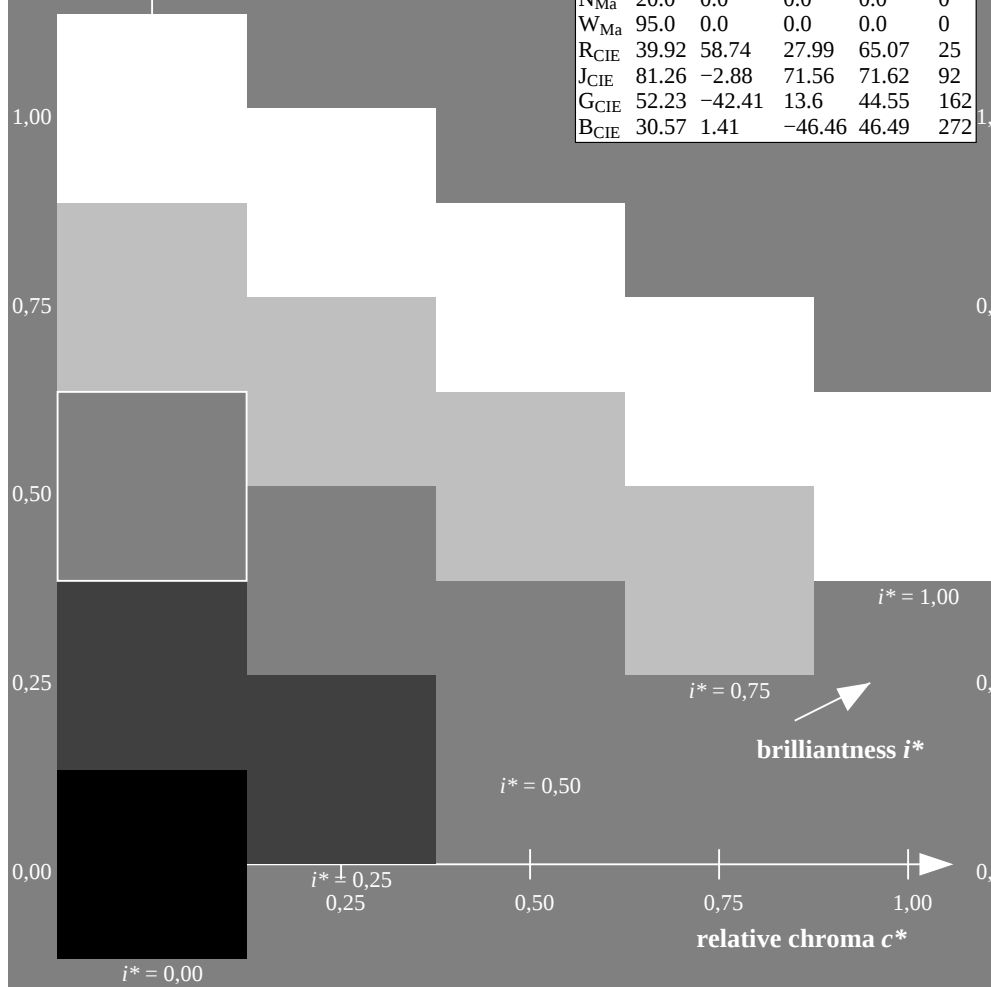
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

lab^*tch^* and lab^*icu^*

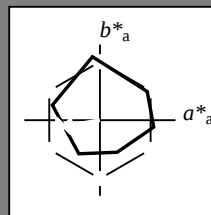
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 -47 -7

$LAB^*LCH^*_{Ma}$: 56 48 190

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.44

triangle lightness t^*

%Gamut

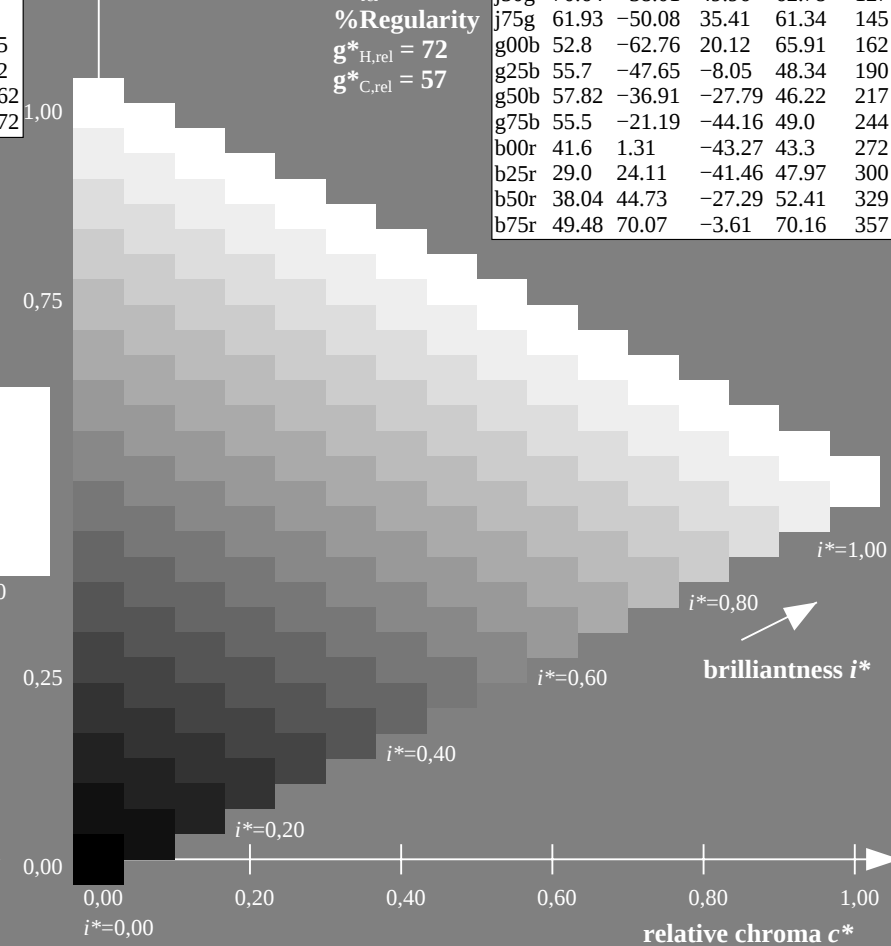
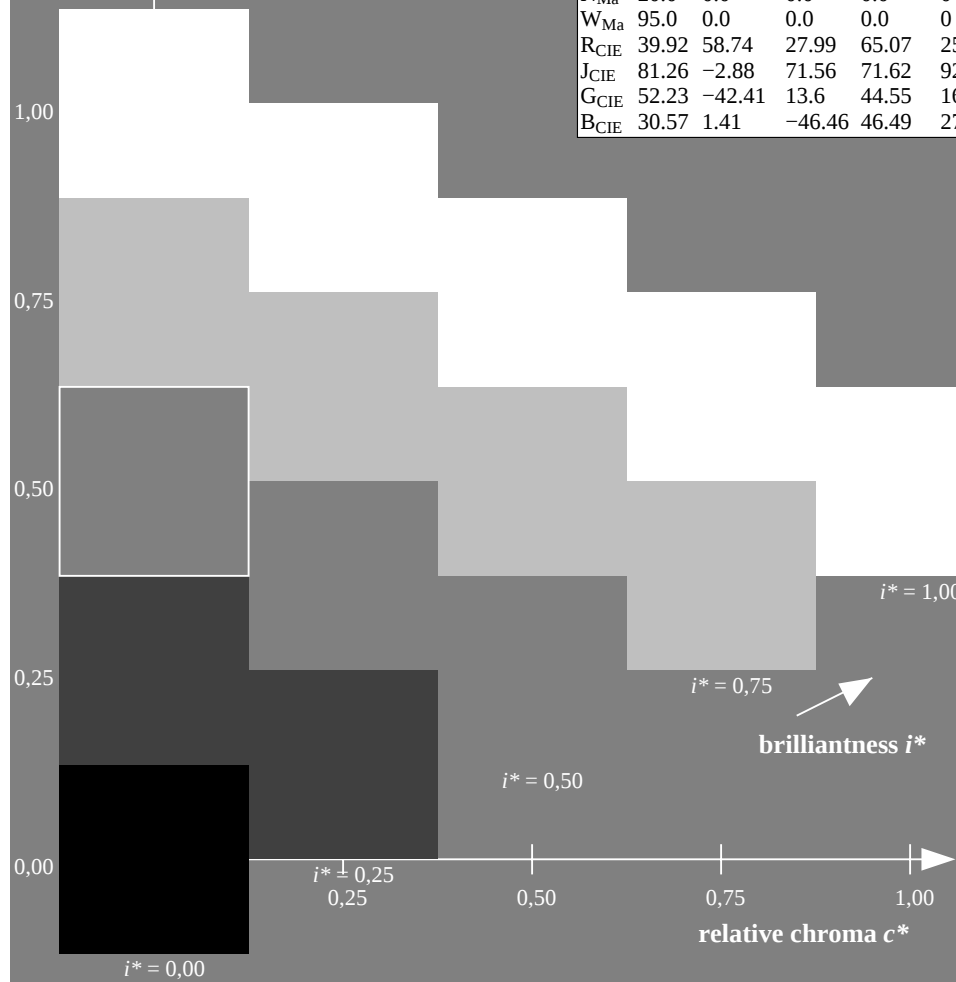
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

lab^*tch^* and lab^*icu^*

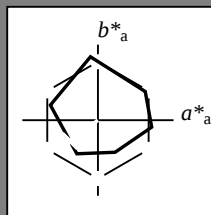
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 -36 -27

$LAB^*LCH^*_{Ma}$: 58 46 217

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.74

triangle lightness t^*

%Gamut

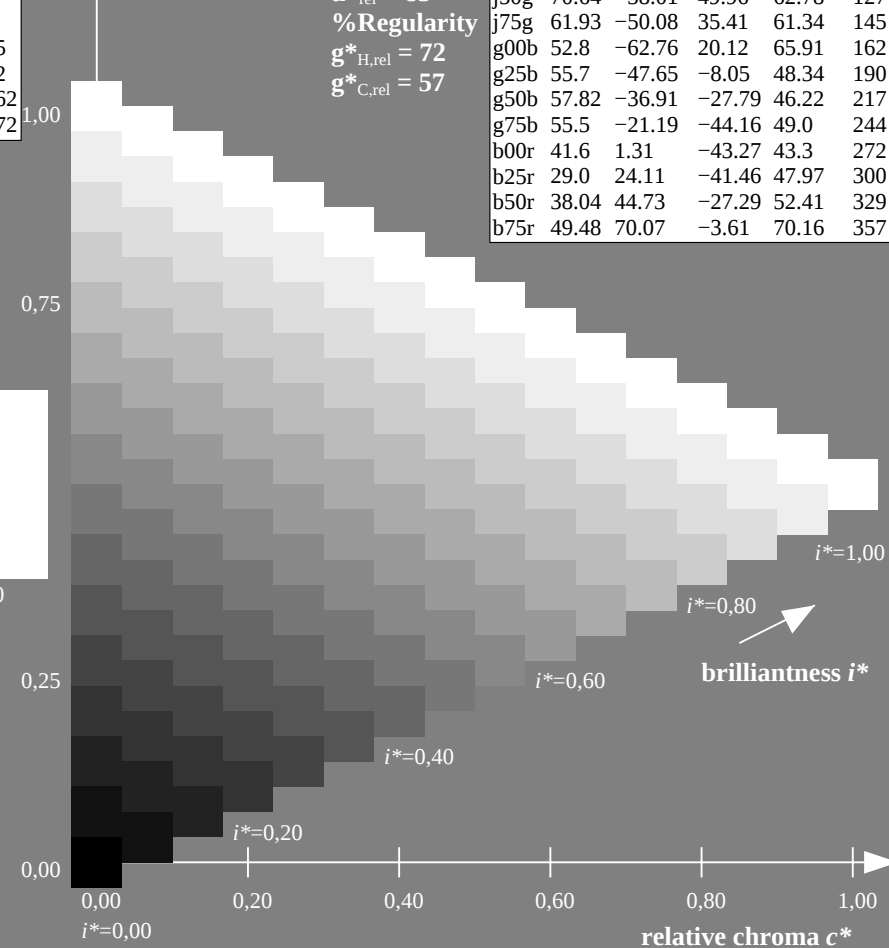
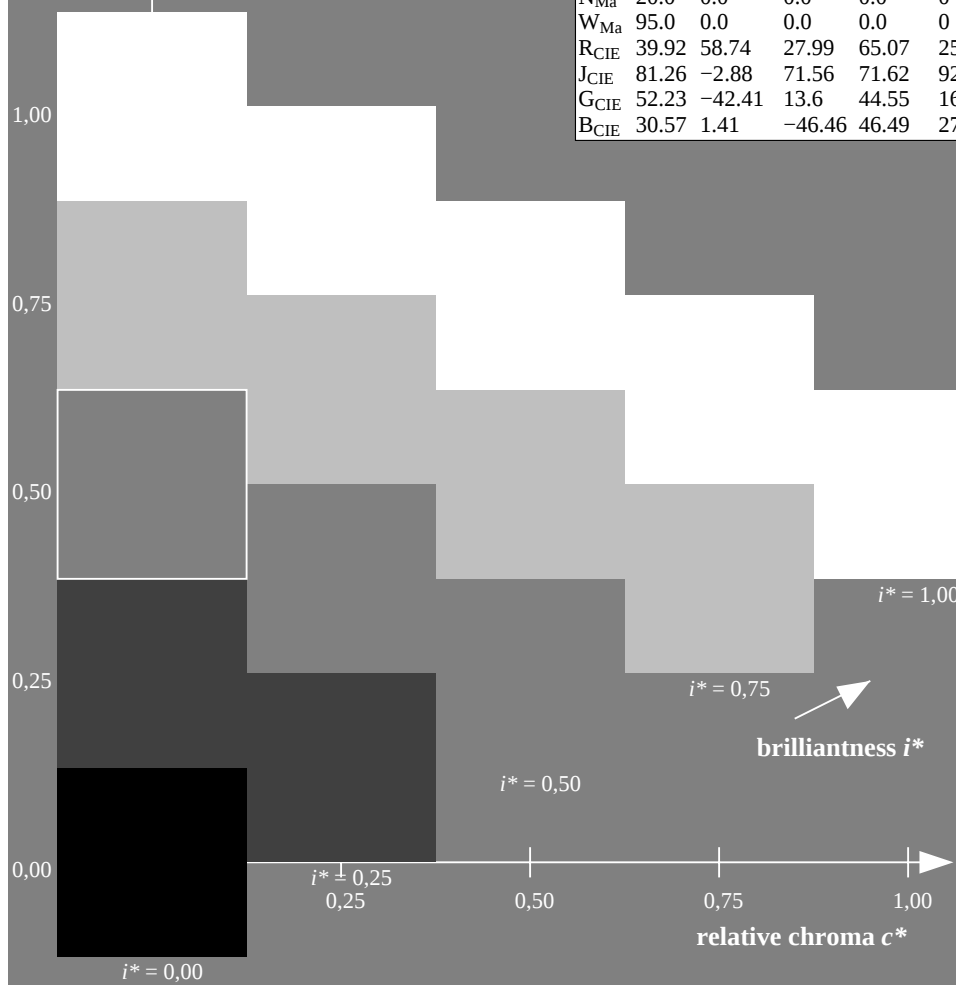
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:

lab^*tch^* and lab^*icu^*

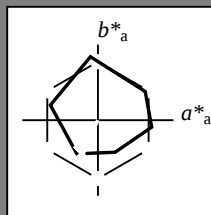
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 -20 -43

$LAB^*LCH^*_{Ma}$: 55 49 244

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

$lab^*olv^*_{Ma}$: 0.0 0.87 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

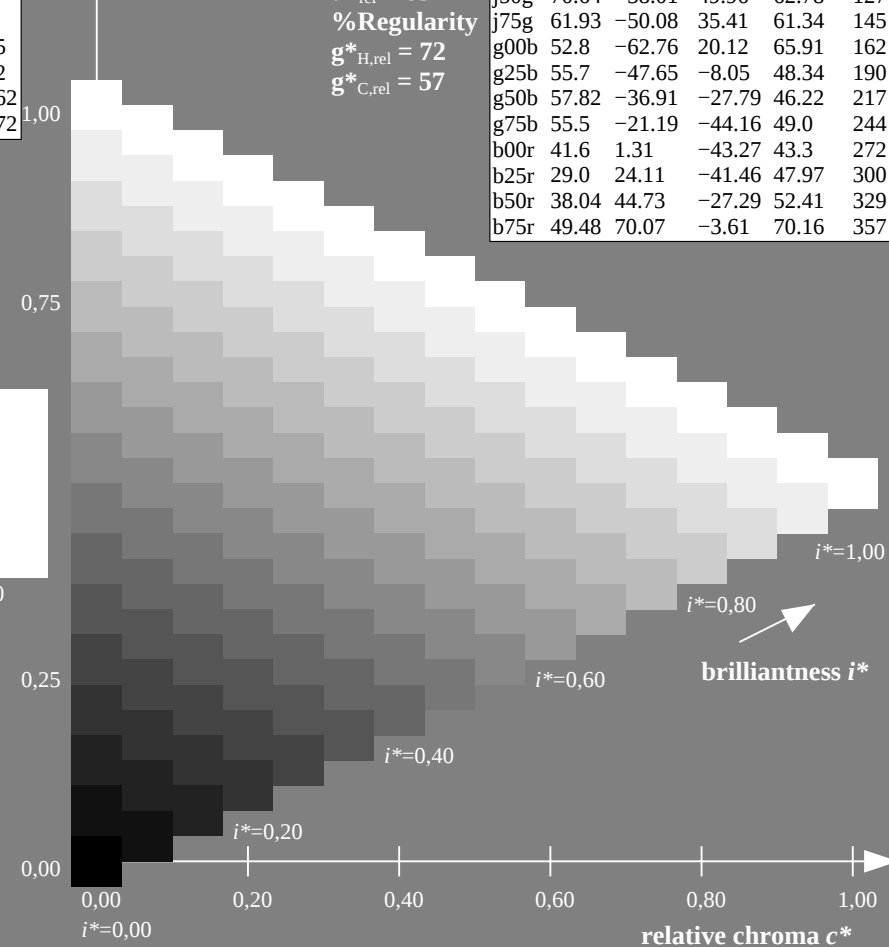
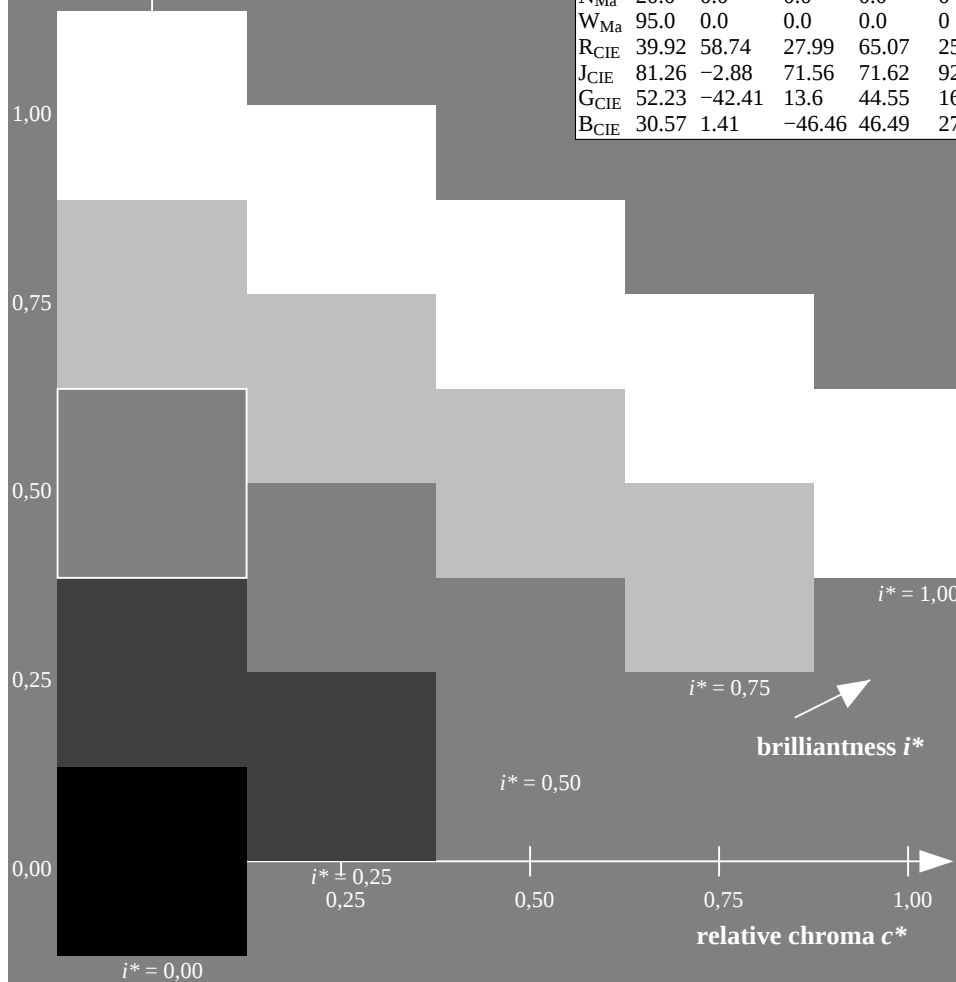
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

lab^*tch^* and lab^*icu^*

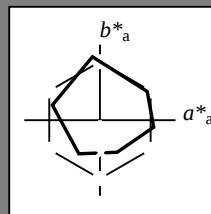
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 -42

$LAB^*LCH^*_{Ma}$: 42 43 272

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

$lab^*olv^*_{Ma}$: 0.0 0.42 1.0

triangle lightness t^*

%Gamut

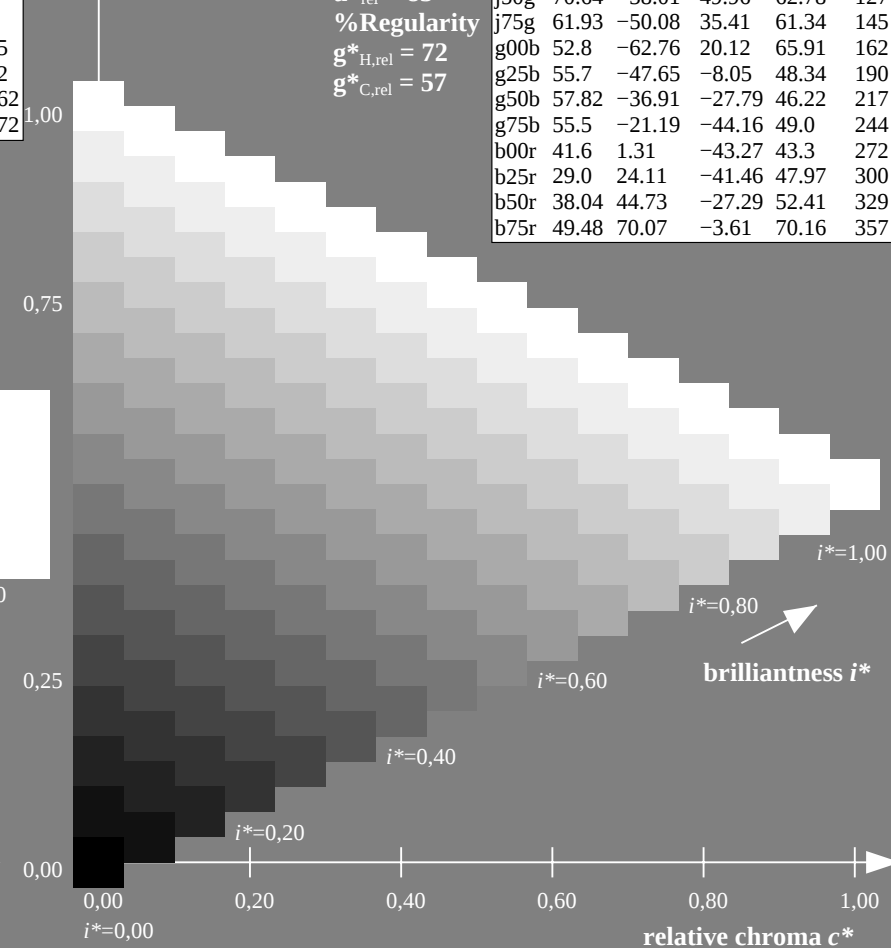
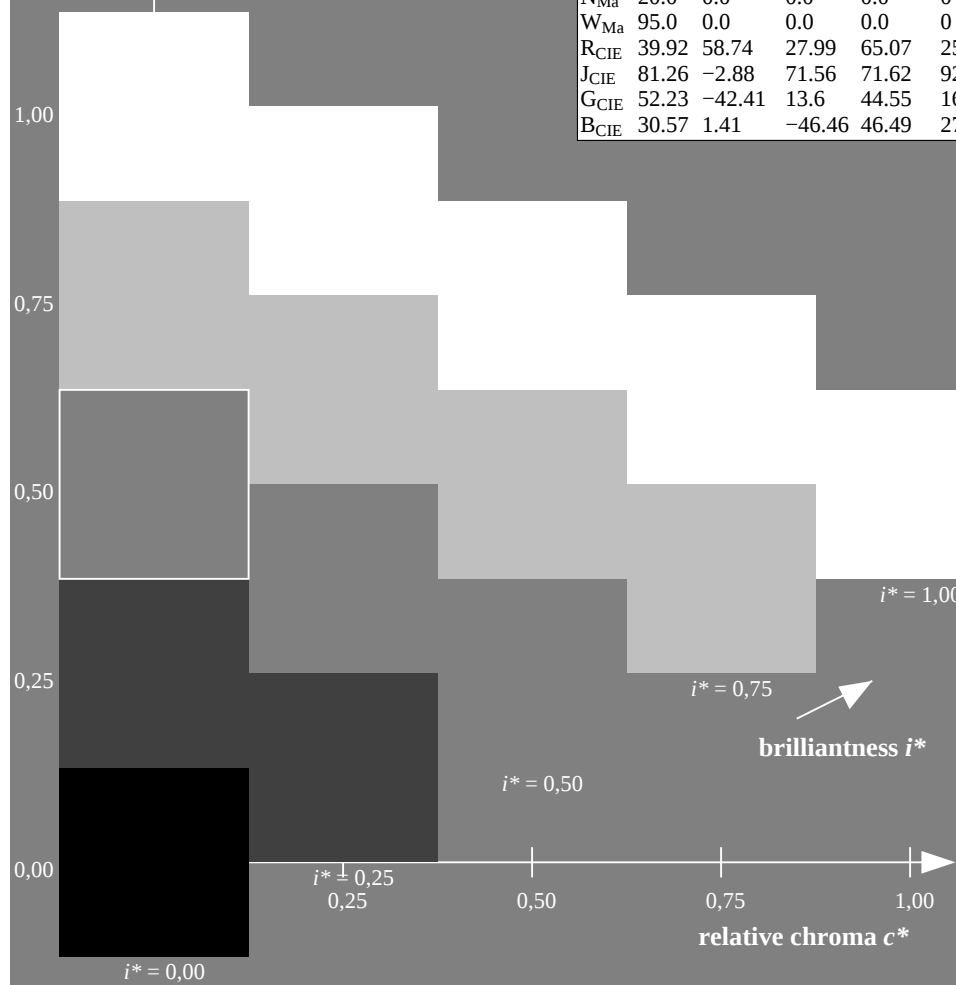
$u^*_{rel} = 83$

%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

lab^*tch^* and lab^*icu^*

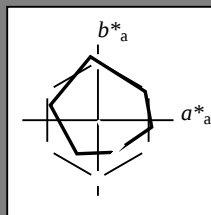
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 24 -40

$LAB^*LCH^*_{Ma}$: 29 48 300

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

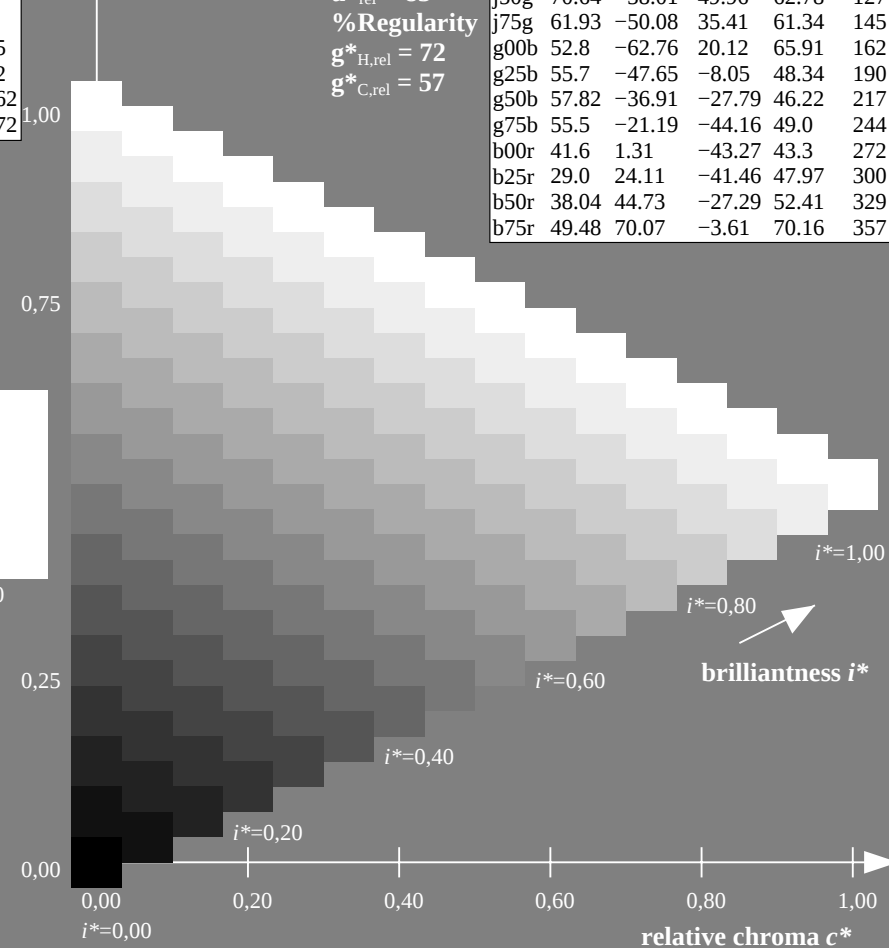
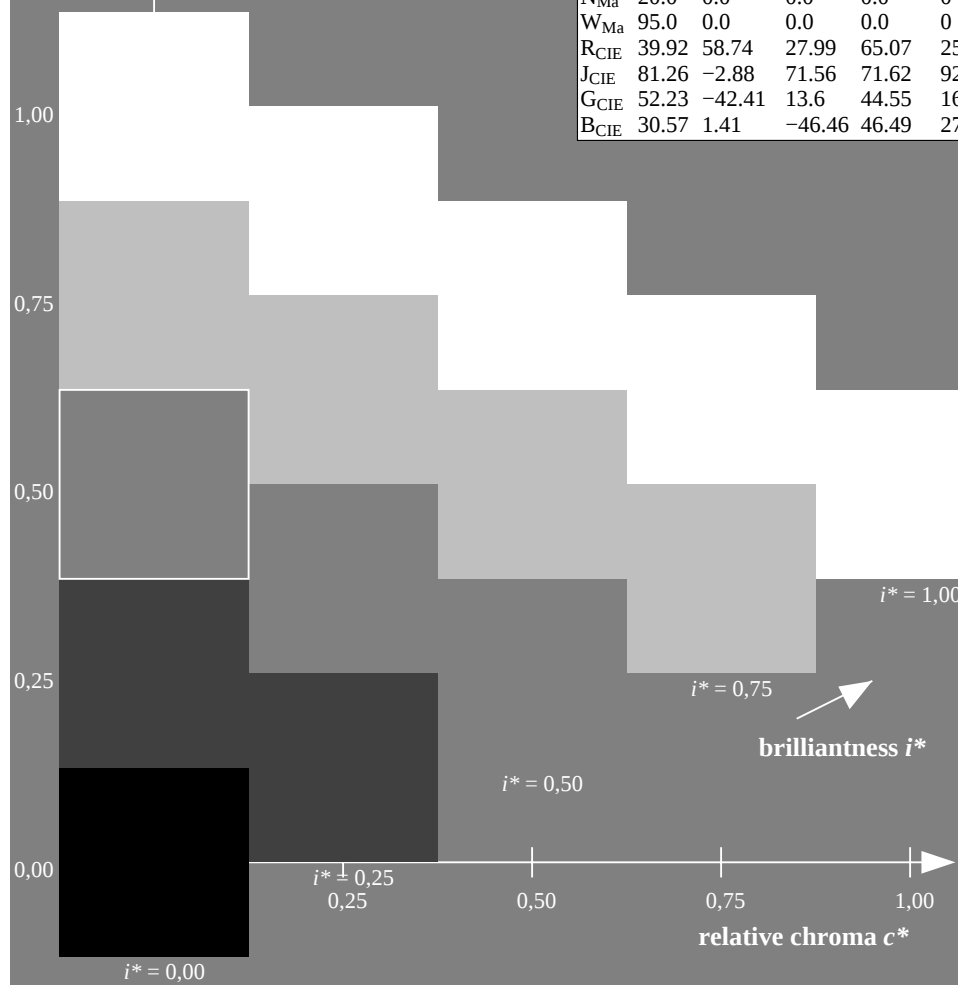
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

lab^*tch^* and lab^*icu^*

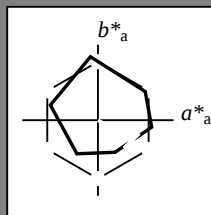
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
C _{Ma}	59.61	-27.85	-44.43	52.45	238
V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 45 -26

$LAB^*LCH^*_{Ma}$: 38 52 329

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

$lab^*olv^*_{Ma}$: 0.46 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 83$

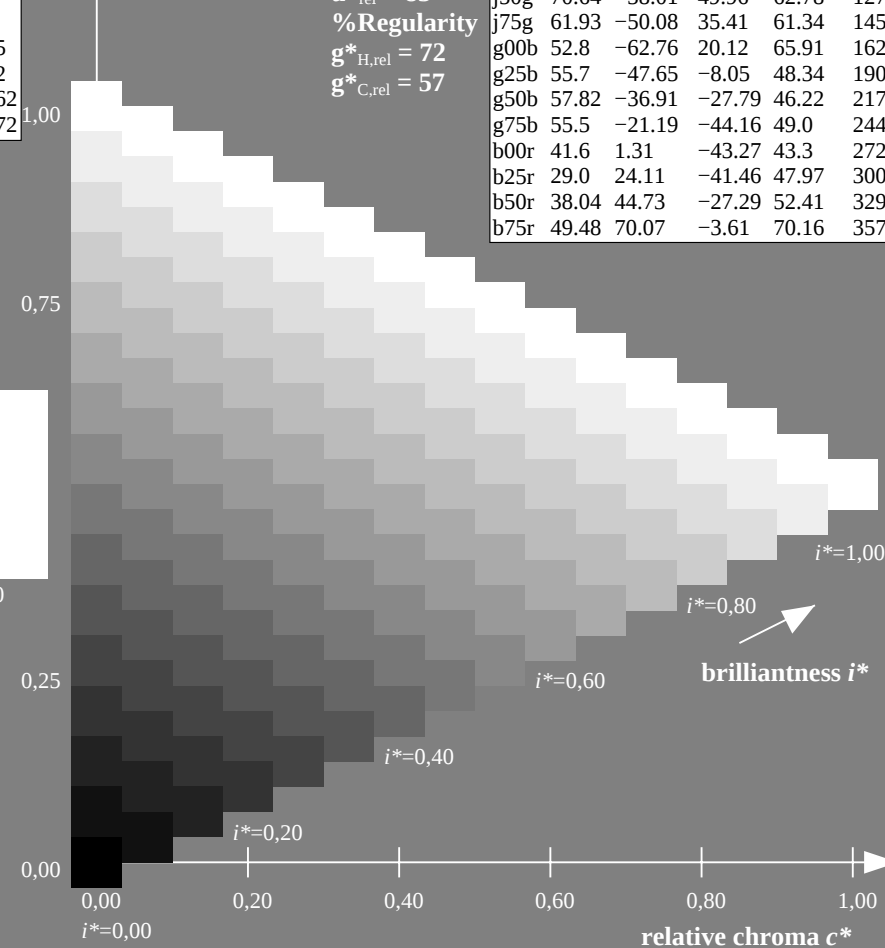
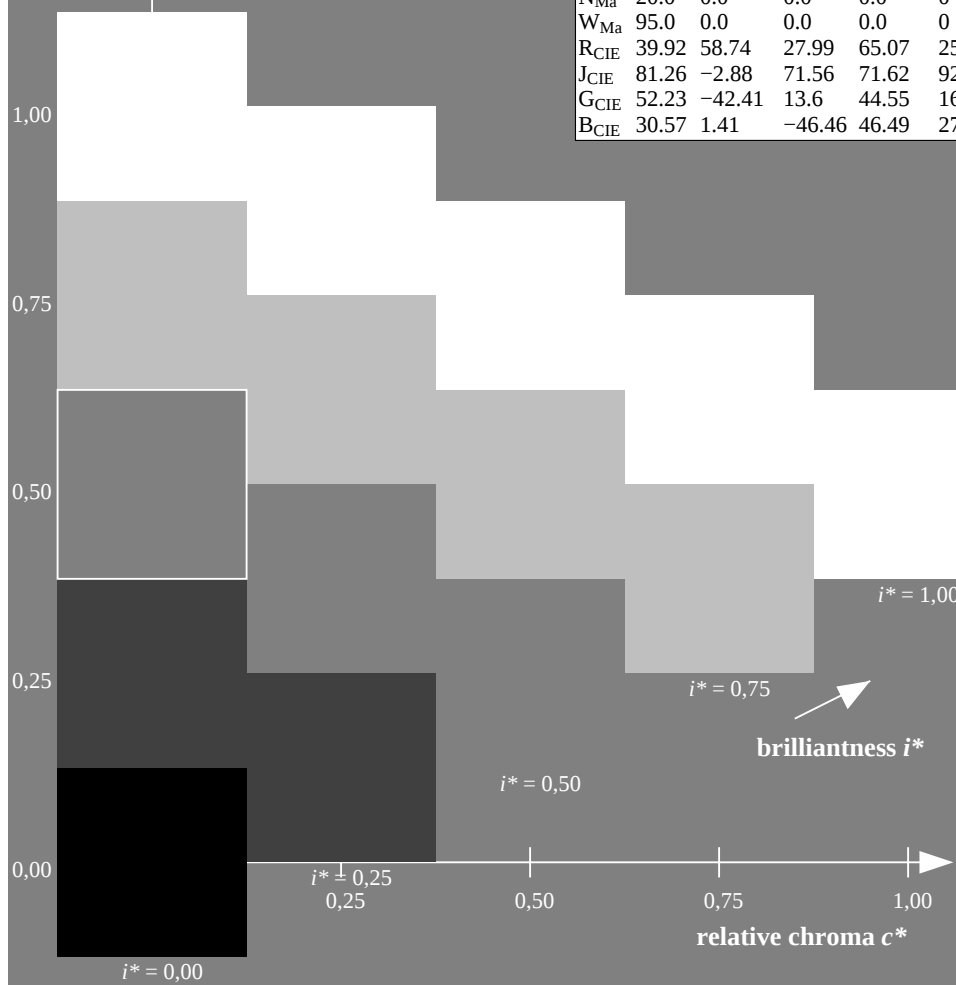
%Regularity

$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



Input and output: Colorimetric Printer Reflective System ORS20_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

lab^*tch^* and lab^*icu^*

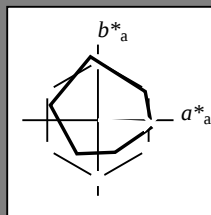
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.96$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	62.56	37.91	73.15	31
Y _{Ma}	90.92	-9.88	83.88	84.46	97
L _{Ma}	52.69	-62.9	19.95	66.0	162
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V _{Ma}	28.39	22.72	-42.42	48.13	298
M _{Ma}	49.58	71.08	-9.19	71.67	353
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 49 70 -3

$LAB^*LCH^*_{Ma}$: 49 70 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.88

triangle lightness t^*

%Gamut

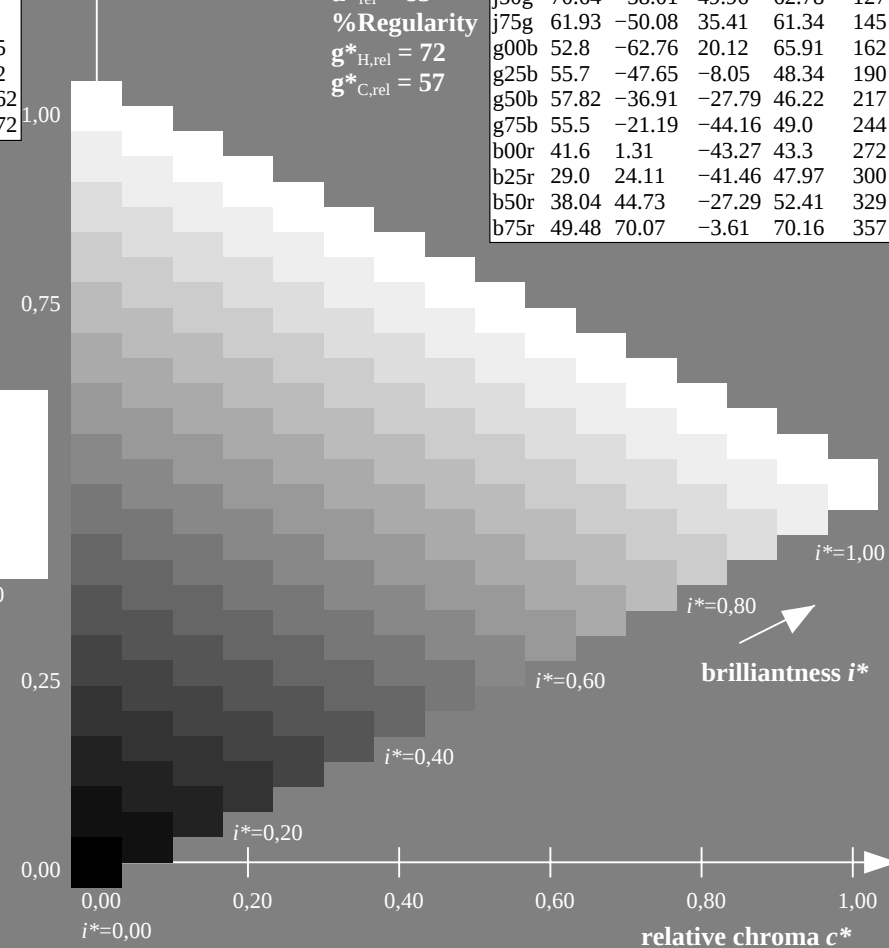
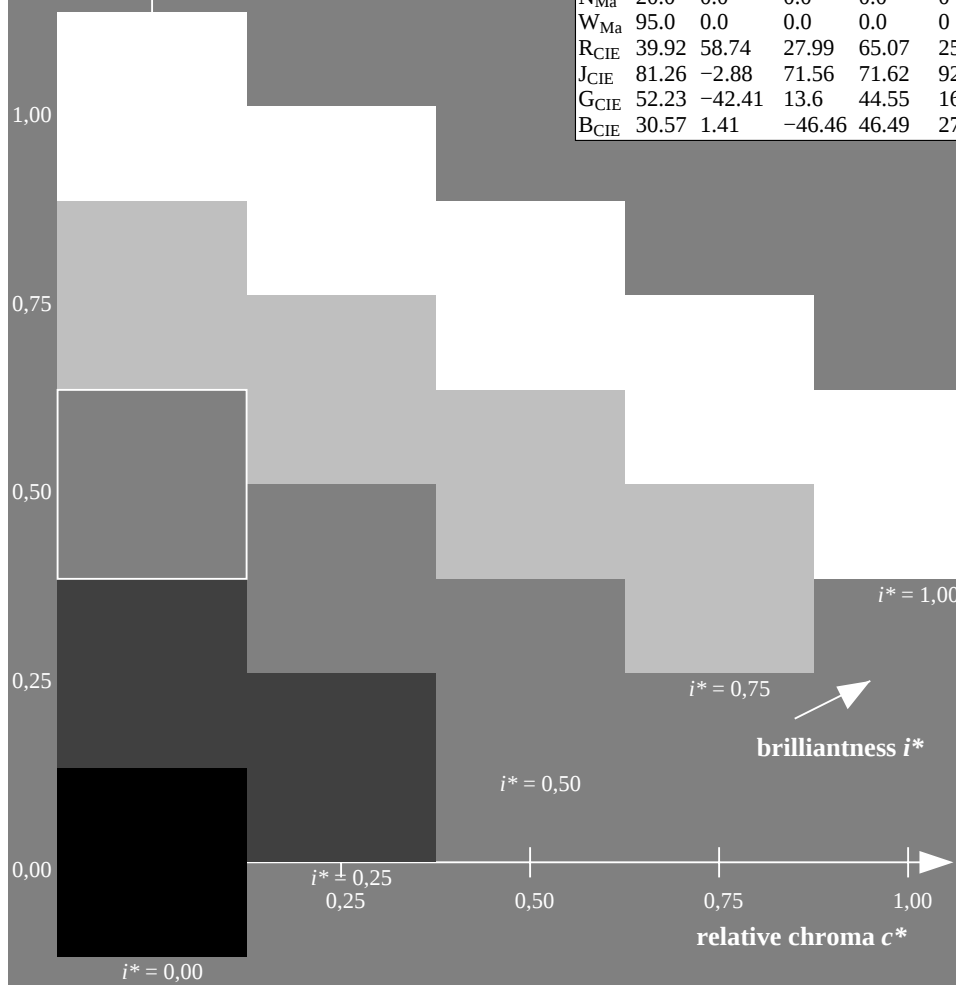
$u^*_{rel} = 83$

%Regularity

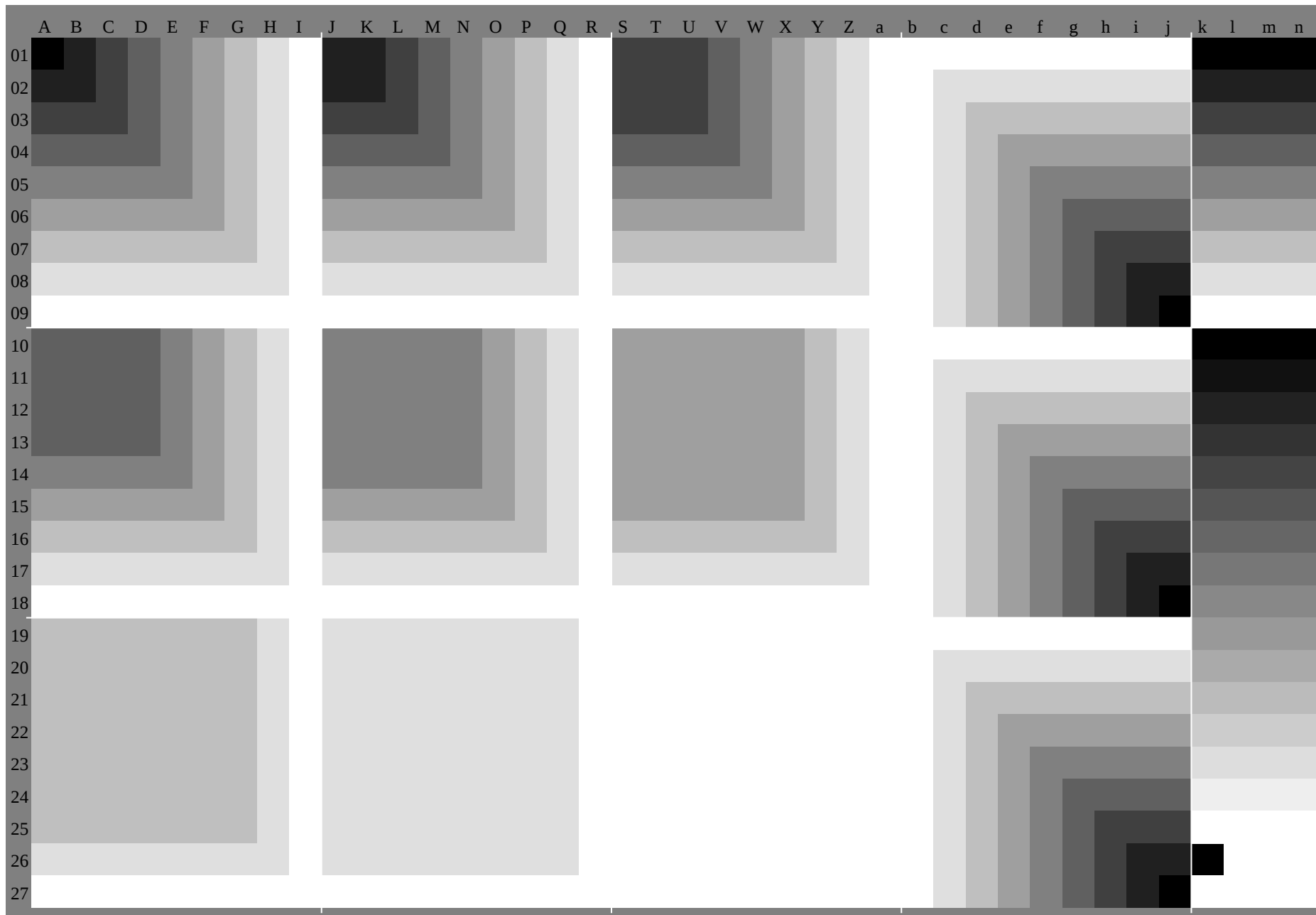
$g^*_{H,rel} = 72$

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

ORS20_95a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	63.91	30.45	70.79	25
r25j	55.85	50.36	45.65	67.97	42
r50j	65.45	33.86	56.12	65.54	59
r75j	75.19	17.13	66.73	68.89	76
j00g	87.03	-3.21	79.64	79.7	92
j25g	80.72	-24.03	66.82	71.01	110
j50g	70.64	-38.01	49.96	62.78	127
j75g	61.93	-50.08	35.41	61.34	145
g00b	52.8	-62.76	20.12	65.91	162
g25b	55.7	-47.65	-8.05	48.34	190
g50b	57.82	-36.91	-27.79	46.22	217
g75b	55.5	-21.19	-44.16	49.0	244
b00r	41.6	1.31	-43.27	43.3	272
b25r	29.0	24.11	-41.46	47.97	300
b50r	38.04	44.73	-27.29	52.41	329
b75r	49.48	70.07	-3.61	70.16	357



See for similar files: <http://www.ps.bam.de/De73/>; www.ps.bam.de/De73/; www.ps.bam.de/De73/
Technical information: <http://www.ps.bam.de/De73/> Version 2.1, io=1,1, ColSpx=1



BAM registration: 20080701-De73/10L/L73E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems