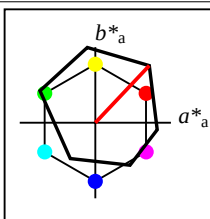


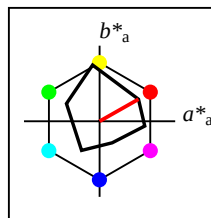
%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

OLS00	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	45.14	71.37	75.54	103.92	47
Y _M	90.22	-10.59	99.51	100.07	96
L _M	48.45	-73.18	42.21	84.49	150
C _M	56.88	-33.1	-47.4	57.83	235
V _M	16.48	45.84	-56.21	72.54	309
M _M	45.36	81.85	-9.28	82.38	354
N _M	0.01	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

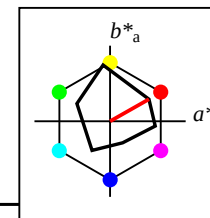
OLS00a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	45.14	71.37	75.54	103.92	47
Y _{Ma}	90.22	-10.59	99.51	100.07	96
L _{Ma}	48.45	-73.18	42.21	84.49	150
C _{Ma}	56.88	-33.1	-47.4	57.83	235
V _{Ma}	16.48	45.84	-56.21	72.54	309
M _{Ma}	45.36	81.85	-9.28	82.38	354
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

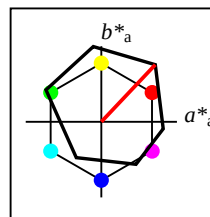
OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Workflow choices
for colour samples:
1. No colour change
2. Hue change
3. Chroma change



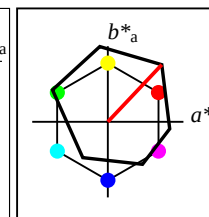
%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

OLS00a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	45.14	71.37	75.54	103.92	47
Y _{Ma}	90.22	-10.59	99.51	100.07	96
L _{Ma}	48.45	-73.18	42.21	84.49	150
C _{Ma}	56.88	-33.1	-47.4	57.83	235
V _{Ma}	16.48	45.84	-56.21	72.54	309
M _{Ma}	45.36	81.85	-9.28	82.38	354
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



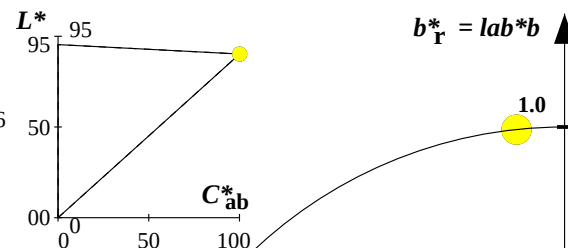
%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

OLS00	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	45.14	71.37	75.54	103.92	47
Y _M	90.22	-10.59	99.51	100.07	96
L _M	48.45	-73.18	42.21	84.49	150
C _M	56.88	-33.1	-47.4	57.83	235
V _M	16.48	45.84	-56.21	72.54	309
M _M	45.36	81.85	-9.28	82.38	354
N _M	0.01	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (--) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS00: Output (o) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

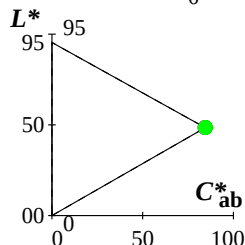
Y Yellow

olv3Mi = 1.0 1.0 0.0
olv3Mo = 1.0 1.0 0.0
LCHMi = 90.2 100.1 96
LCHo = 90.2 100.1 96
tchMi = 0.5 1.0 0.267
tchMo = 0.5 1.0 0.267



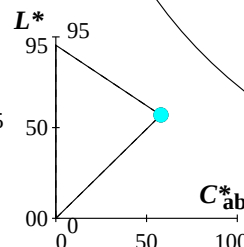
L Leaf green

olv3Mi = 0.0 1.0 0.0
olv3Mo = 0.0 1.0 0.0
LCHMi = 48.5 84.5 150
LCHo = 48.5 84.5 150
tchMi = 0.5 1.0 0.417
tchMo = 0.5 1.0 0.417



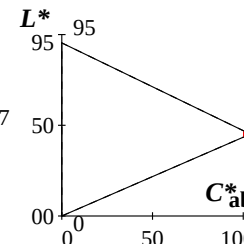
C Cyan blue

olv3Mi = 0.0 1.0 1.0
olv3Mo = 0.0 1.0 1.0
LCHMi = 56.9 57.8 235
LCHo = 56.9 57.8 235
tchMi = 0.5 1.0 0.653
tchMo = 0.5 1.0 0.653



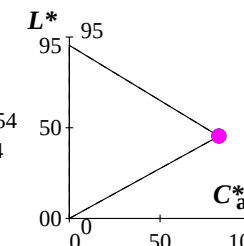
O Orange red

olv3Mi = 1.0 0.0 0.0
olv3Mo = 1.0 0.0 0.0
LCHMi = 45.1 103.9 47
LCHo = 45.1 103.9 47
tchMi = 0.5 1.0 0.13
tchMo = 0.5 1.0 0.13



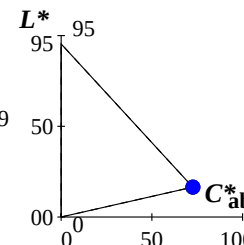
M Magenta red

olv3Mi = 1.0 0.0 1.0
olv3Mo = 1.0 0.0 1.0
LCHMi = 45.4 82.4 354
LCHo = 45.4 82.4 354
tchMi = 0.5 1.0 0.982
tchMo = 0.5 1.0 0.982



V Violet blue

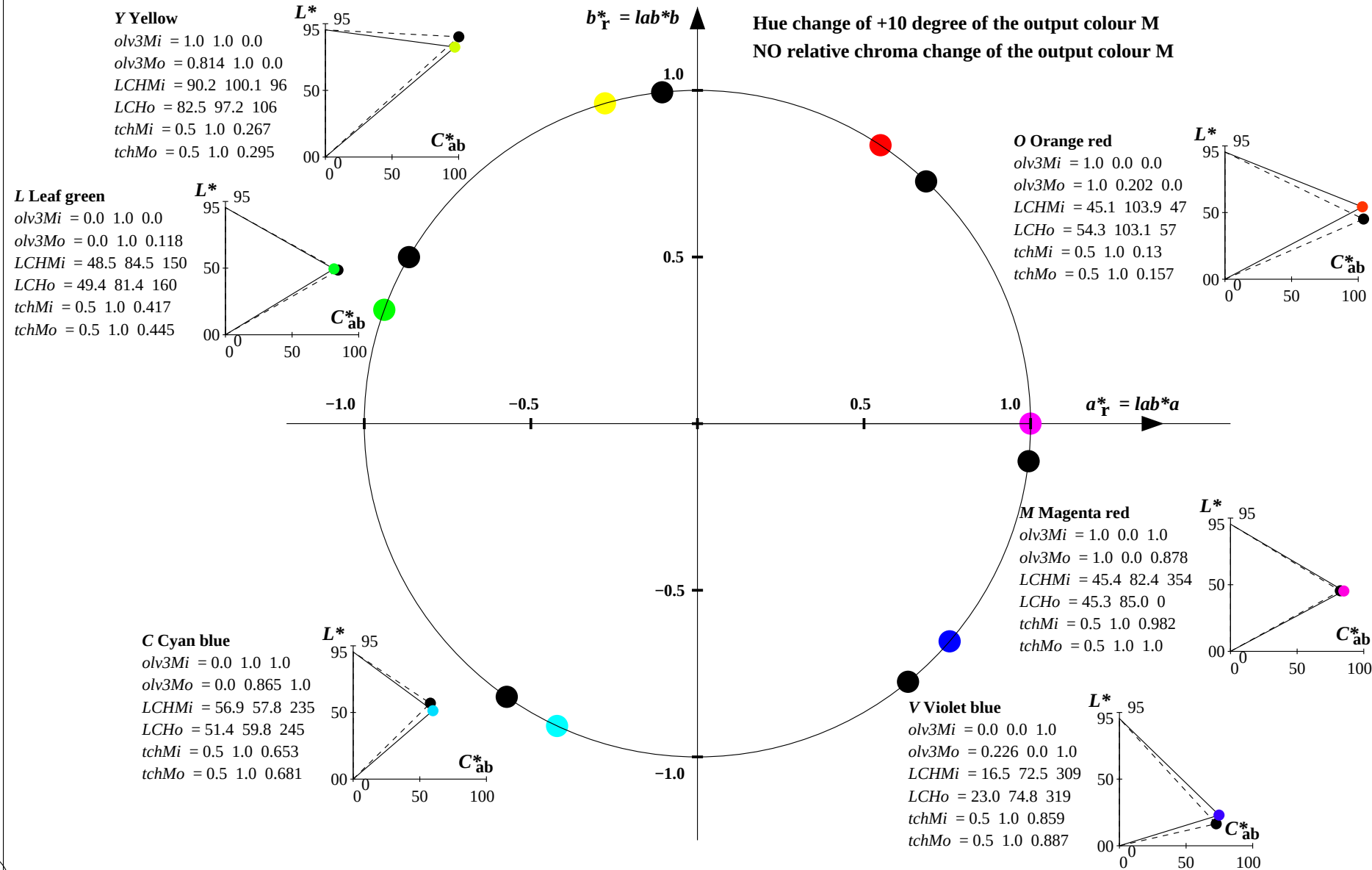
olv3Mi = 0.0 0.0 1.0
olv3Mo = 0.0 0.0 1.0
LCHMi = 16.5 72.5 309
LCHo = 16.5 72.5 309
tchMi = 0.5 1.0 0.859
tchMo = 0.5 1.0 0.859



NO hue change of the output colour M

NO relative chroma change of the output colour M

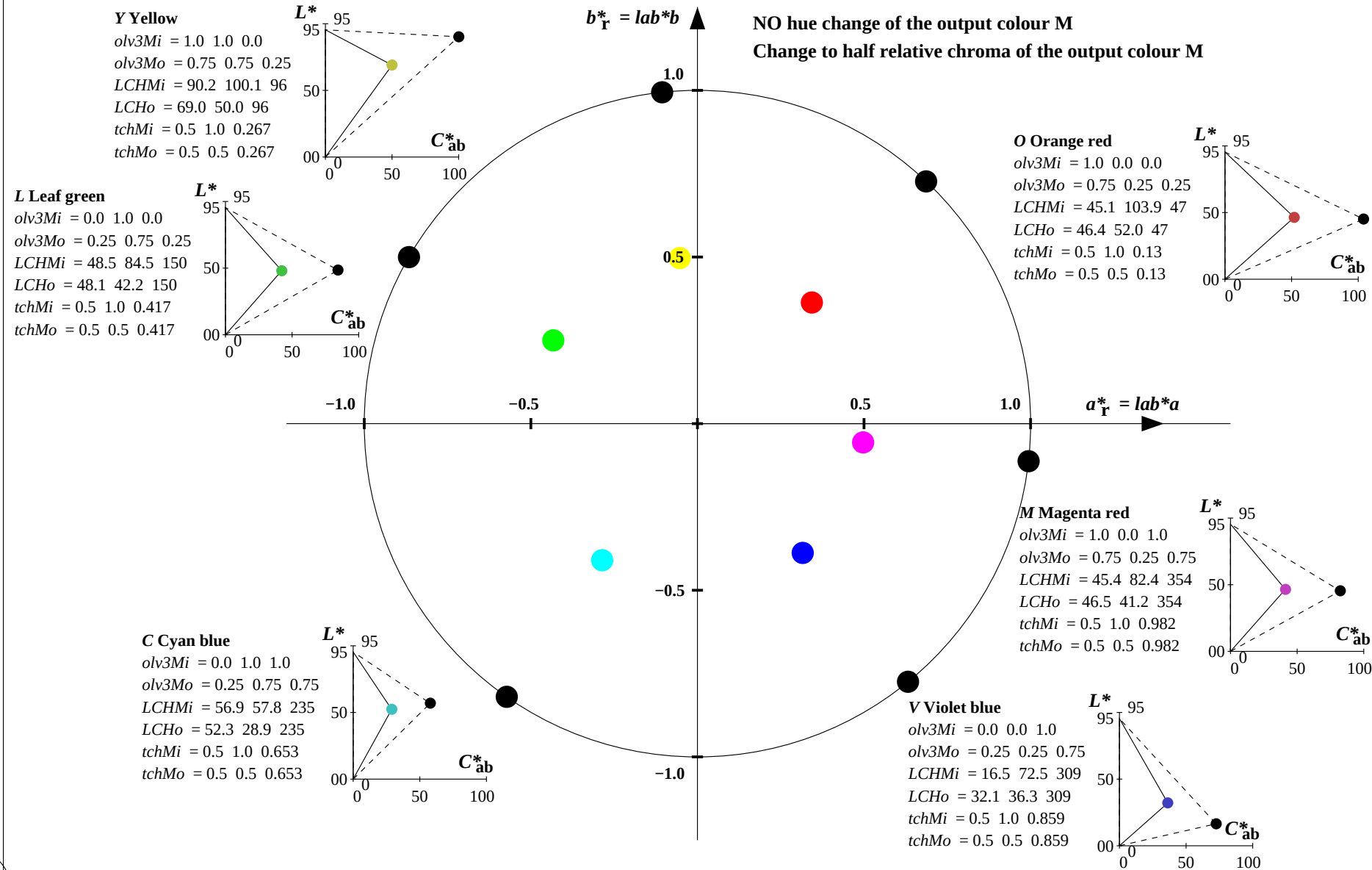
Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS00: Output (o) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

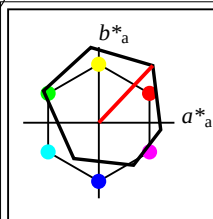


YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS00, page 3/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS00 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 3/32 output: no change compared to input

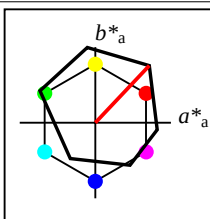
Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS00: Output (o) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)





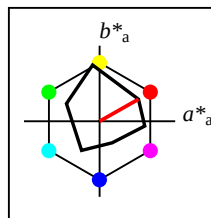
%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

OLS00	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	45.14	71.37	75.54	103.92	47
Y _M	90.22	-10.59	99.51	100.07	96
L _M	48.45	-73.18	42.21	84.49	150
C _M	56.88	-33.1	-47.4	57.83	235
V _M	16.48	45.84	-56.21	72.54	309
M _M	45.36	81.85	-9.28	82.38	354
N _M	0.01	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

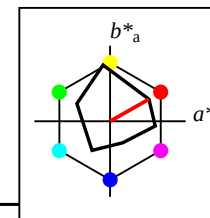
OLS00a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	45.14	71.37	75.54	103.92	47
Y _{Ma}	90.22	-10.59	99.51	100.07	96
L _{Ma}	48.45	-73.18	42.21	84.49	150
C _{Ma}	56.88	-33.1	-47.4	57.83	235
V _{Ma}	16.48	45.84	-56.21	72.54	309
M _{Ma}	45.36	81.85	-9.28	82.38	354
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

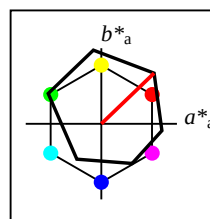
OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Workflow choices
for colour samples:
1. No colour change
2. Hue change
3. Chroma change



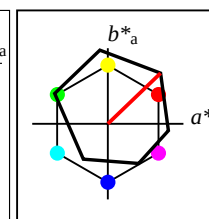
%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 120$
%Regularity
 $g^*_{H,rel} = 54$
 $g^*_{C,rel} = 58$

OLS06a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	45.87	69.79	66.99	96.74	44
Y _{Ma}	90.25	-10.5	97.42	97.99	96
L _{Ma}	49.08	-70.27	40.08	80.91	150
C _{Ma}	57.33	-32.37	-46.79	56.91	235
V _{Ma}	19.26	40.73	-52.46	66.42	308
M _{Ma}	46.07	80.12	-9.03	80.63	354
N _{Ma}	5.69	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 120$
%Regularity
 $g^*_{H,rel} = 54$
 $g^*_{C,rel} = 58$

OLS06	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	45.87	69.79	66.99	96.74	44
Y _M	90.25	-10.5	97.42	97.99	96
L _M	49.08	-70.27	40.08	80.91	150
C _M	57.33	-32.37	-46.79	56.91	235
V _M	19.26	40.73	-52.46	66.42	308
M _M	46.07	80.12	-9.03	80.63	354
N _M	5.69	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (--) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS06: Output (o) colorimetric system; Six hue angles of the colour device: (43.8, 96.2, 150.3, 235.3, 307.8, 353.6); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

Y Yellow

olv3Mi = 1.0 1.0 0.0
olv3Mo = 1.0 0.999 0.0
LCHMi = 90.2 100.1 96
LCHo = 90.2 98.0 96
tchMi = 0.5 1.0 0.267
tchMo = 0.5 1.0 0.267

L Leaf green

olv3Mi = 0.0 1.0 0.0
olv3Mo = 0.005 1.0 0.0
LCHMi = 48.5 84.5 150
LCHo = 49.3 81.0 150
tchMi = 0.5 1.0 0.417
tchMo = 0.5 1.0 0.417

C Cyan blue

olv3Mi = 0.0 1.0 1.0
olv3Mo = 0.0 1.0 0.997
LCHMi = 56.9 57.8 235
LCHo = 57.3 57.0 235
tchMi = 0.5 1.0 0.653
tchMo = 0.5 1.0 0.653

O Orange red

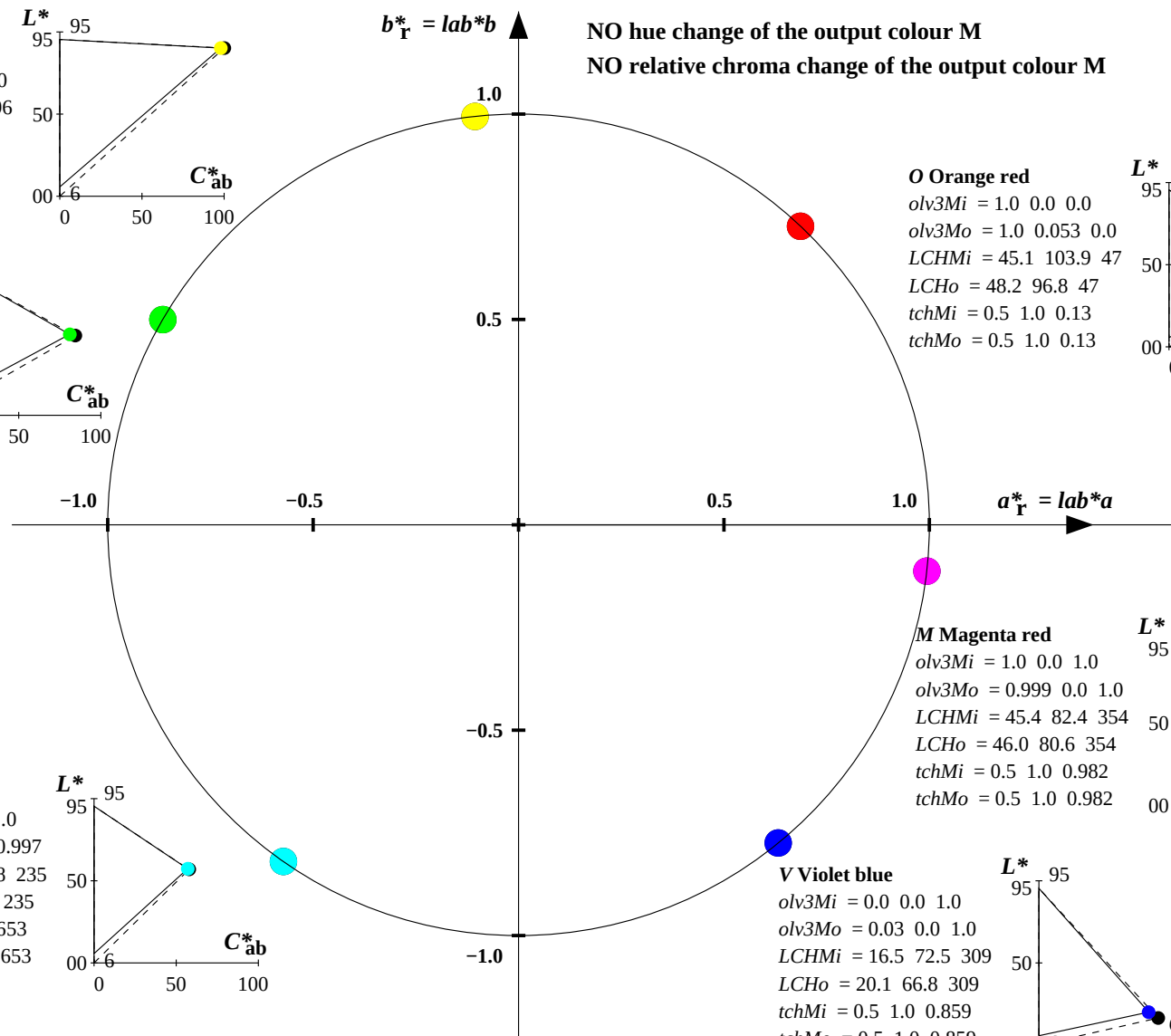
olv3Mi = 1.0 0.0 0.0
olv3Mo = 1.0 0.053 0.0
LCHMi = 45.1 103.9 47
LCHo = 48.2 96.8 47
tchMi = 0.5 1.0 0.13
tchMo = 0.5 1.0 0.13

M Magenta red

olv3Mi = 1.0 0.0 1.0
olv3Mo = 0.999 0.0 1.0
LCHMi = 45.4 82.4 354
LCHo = 46.0 80.6 354
tchMi = 0.5 1.0 0.982
tchMo = 0.5 1.0 0.982

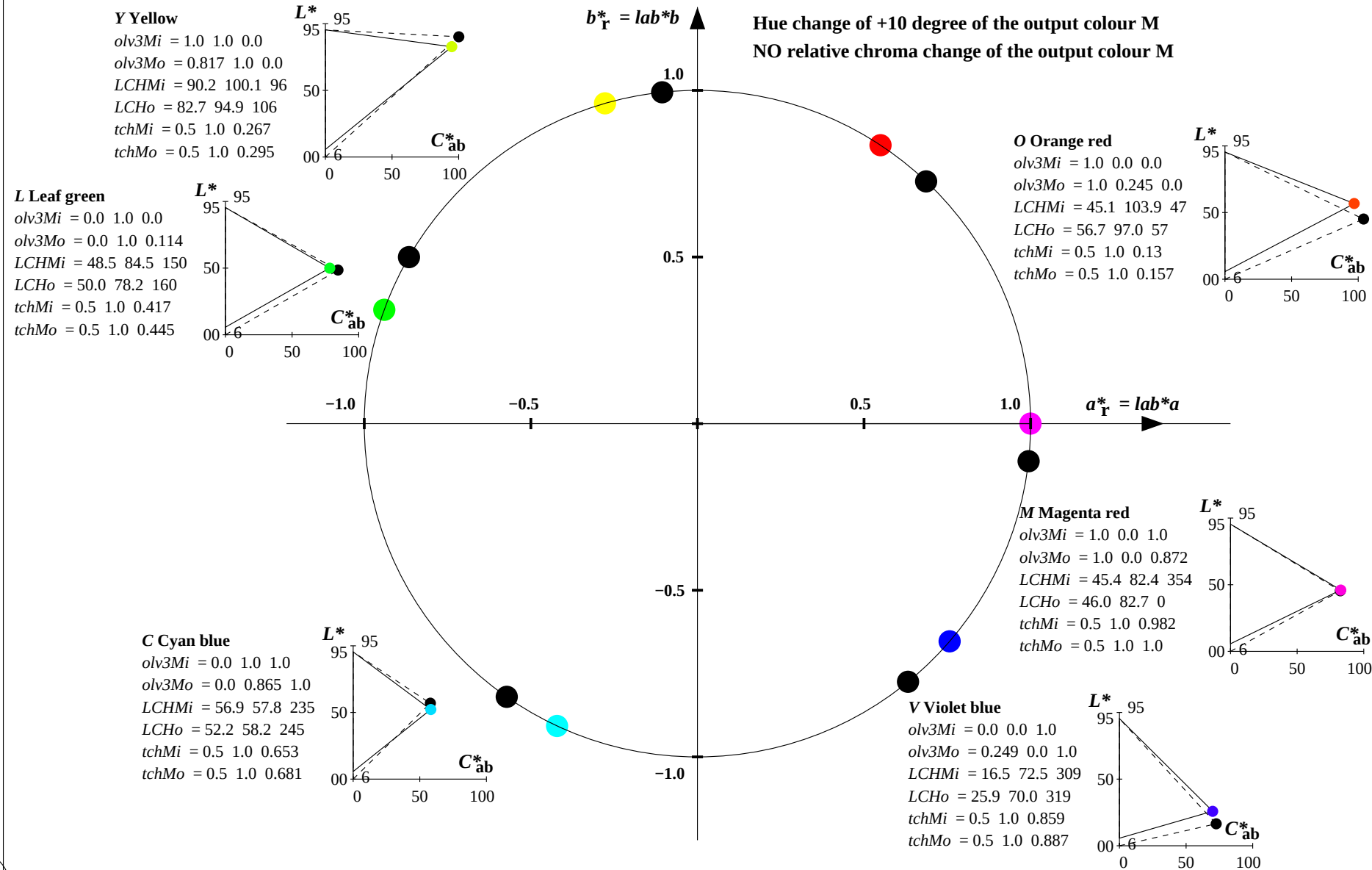
V Violet blue

olv3Mi = 0.0 0.0 1.0
olv3Mo = 0.03 0.0 1.0
LCHMi = 16.5 72.5 309
LCHo = 20.1 66.8 309
tchMi = 0.5 1.0 0.859
tchMo = 0.5 1.0 0.859



NO hue change of the output colour M
NO relative chroma change of the output colour M

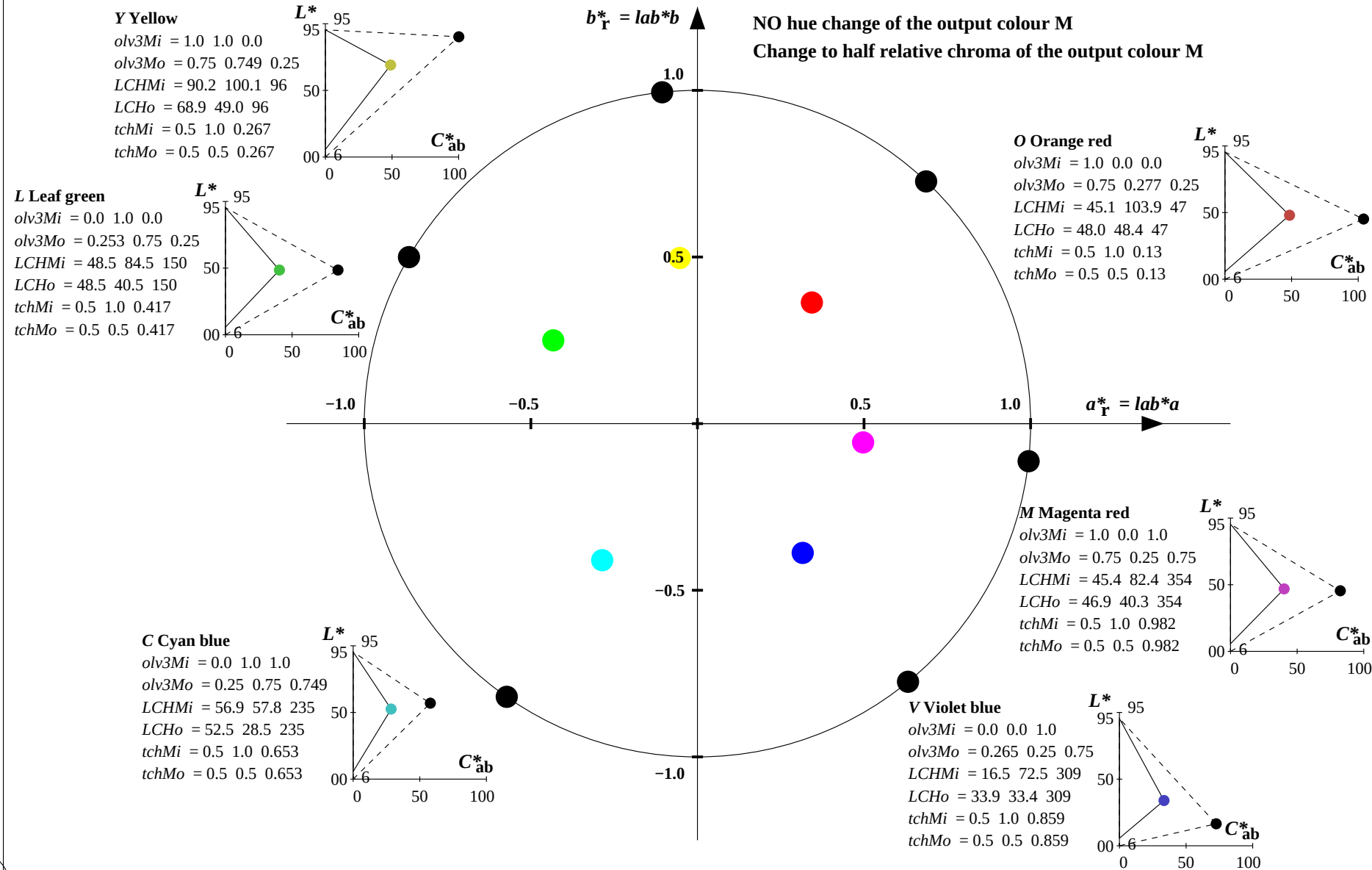
Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS06: Output (o) colorimetric system; Six hue angles of the colour device: (43.8, 96.2, 150.3, 235.3, 307.8, 353.6); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS06, page 7/32

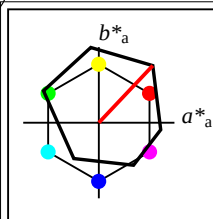
BAM-test chart YE69; Colorimetric workflow OLS00->OLS06 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 7/32 output: no change compared to input

Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (--) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS06: Output (o) colorimetric system; Six hue angles of the colour device: (43.8, 96.2, 150.3, 235.3, 307.8, 353.6); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



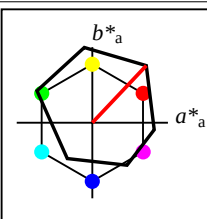
YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS06, page 8/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS06 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 8/32 output: no change compared to input



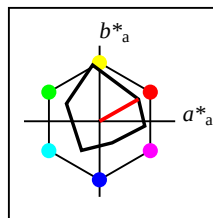
%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

OLS00	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	45.14	71.37	75.54	103.92	47
Y _M	90.22	-10.59	99.51	100.07	96
L _M	48.45	-73.18	42.21	84.49	150
C _M	56.88	-33.1	-47.4	57.83	235
V _M	16.48	45.84	-56.21	72.54	309
M _M	45.36	81.85	-9.28	82.38	354
N _M	0.01	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

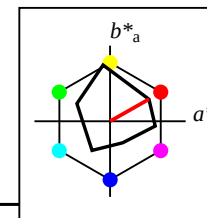
OLS00a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	45.14	71.37	75.54	103.92	47
Y _{Ma}	90.22	-10.59	99.51	100.07	96
L _{Ma}	48.45	-73.18	42.21	84.49	150
C _{Ma}	56.88	-33.1	-47.4	57.83	235
V _{Ma}	16.48	45.84	-56.21	72.54	309
M _{Ma}	45.36	81.85	-9.28	82.38	354
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

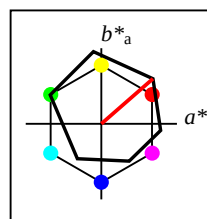
OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Workflow choices
for colour samples:
1. No colour change
2. Hue change
3. Chroma change



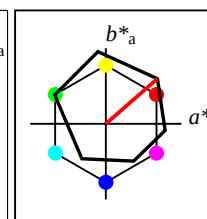
%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 108$
%Regularity
 $g^*_{H,rel} = 55$
 $g^*_{C,rel} = 58$

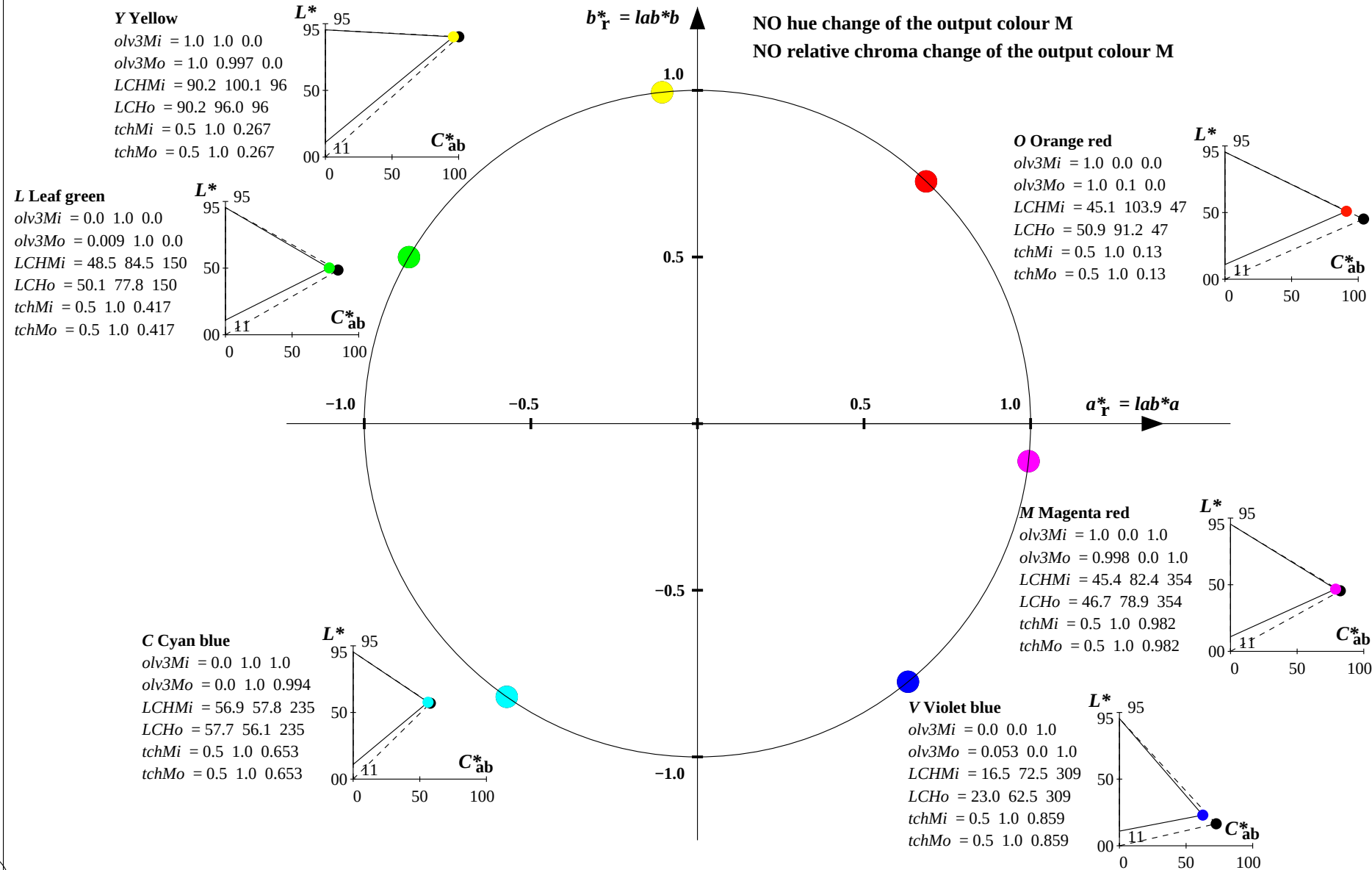
OLS11a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	46.57	68.27	59.62	90.64	41
Y _{Ma}	90.29	-10.42	95.45	96.02	96
L _{Ma}	49.7	-67.59	38.19	77.64	151
C _{Ma}	57.76	-31.67	-46.18	56.01	236
V _{Ma}	21.67	36.81	-49.36	61.58	307
M _{Ma}	46.77	78.45	-8.79	78.94	354
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



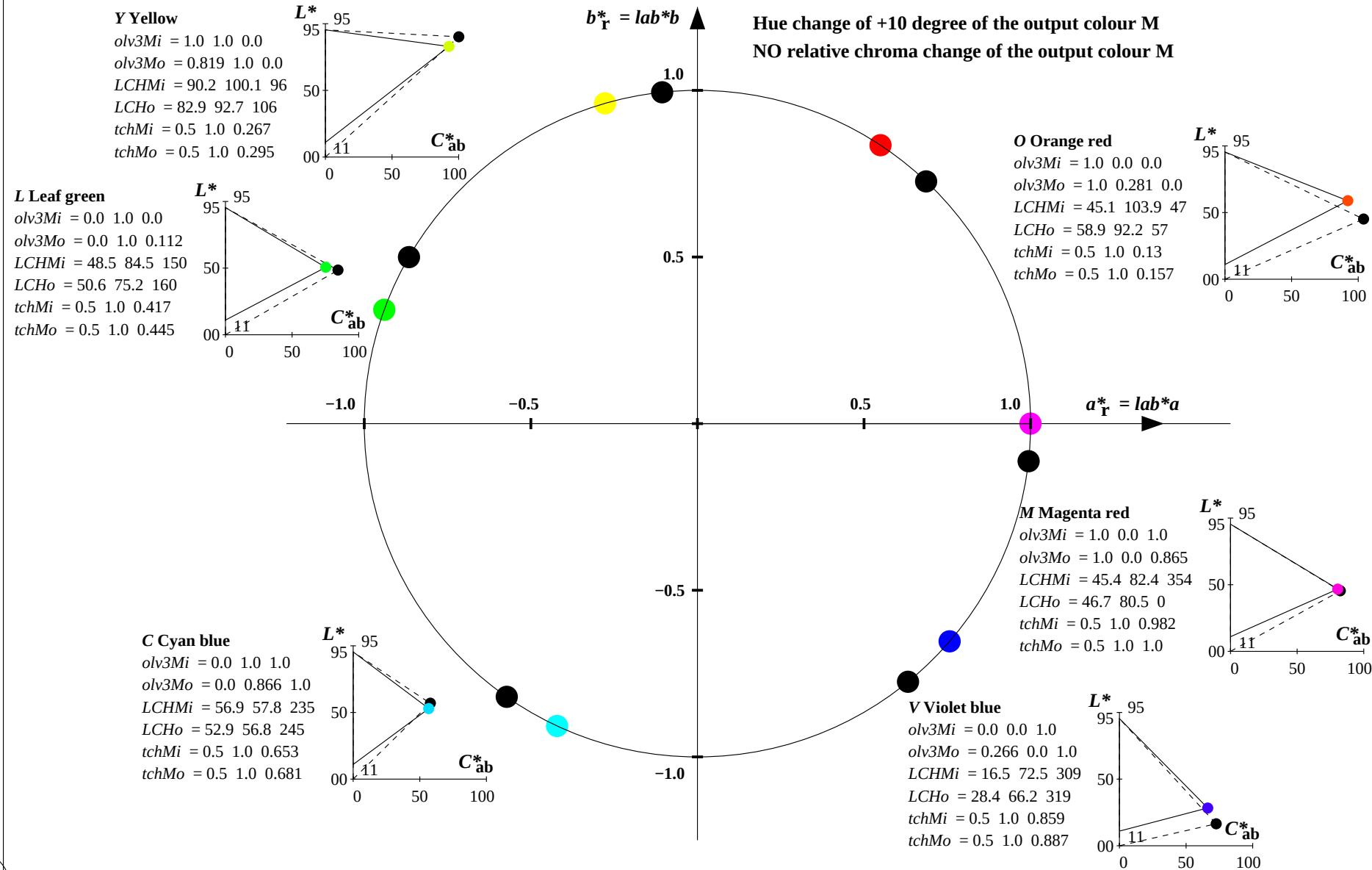
%Gamut
 $u^*_{rel} = 108$
%Regularity
 $g^*_{H,rel} = 55$
 $g^*_{C,rel} = 58$

OLS11	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	46.57	68.27	59.62	90.64	41
Y _M	90.29	-10.42	95.45	96.02	96
L _M	49.7	-67.59	38.19	77.64	151
C _M	57.76	-31.67	-46.18	56.01	236
V _M	21.67	36.81	-49.36	61.58	307
M _M	46.77	78.45	-8.79	78.94	354
N _M	10.99	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS11: Output (o) colorimetric system; Six hue angles of the colour device: (41.1, 96.2, 150.5, 235.6, 306.7, 353.6); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



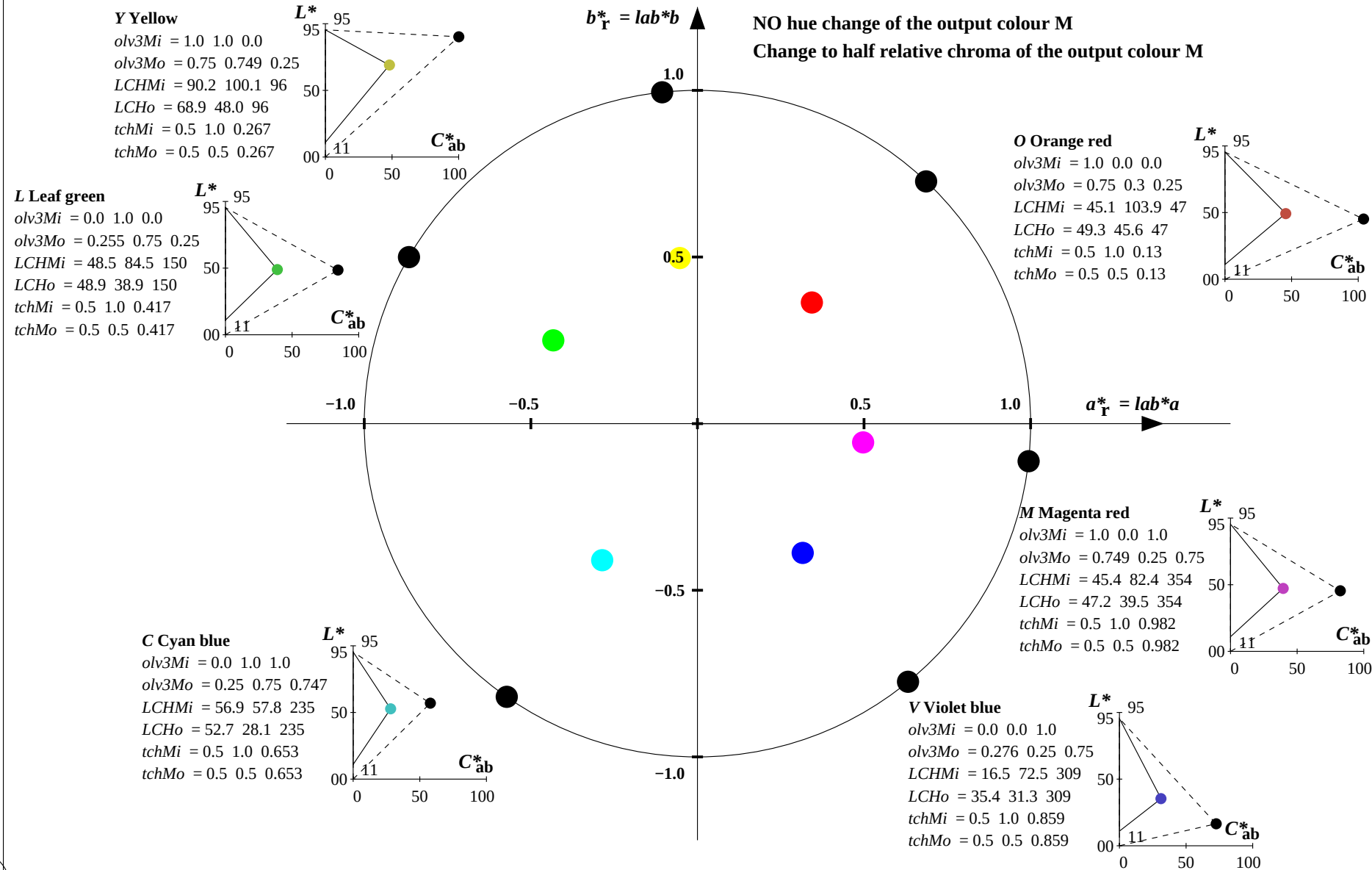
Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS11: Output (o) colorimetric system; Six hue angles of the colour device: (41.1, 96.2, 150.5, 235.6, 306.7, 353.6); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS11, page 11/32

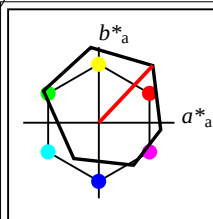
BAM-test chart YE69; Colorimetric workflow OLS00->OLS11 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 11/32 output: no change compared to input

Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (--) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS11: Output (o) colorimetric system; Six hue angles of the colour device: (41.1, 96.2, 150.5, 235.6, 306.7, 353.6); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



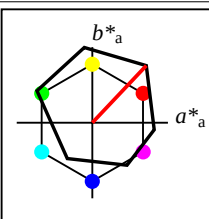
YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS11, page 12/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS11 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 12/32 output: no change compared to input



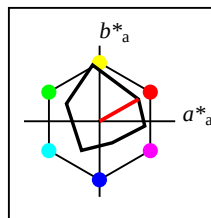
%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

OLS00	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	45.14	71.37	75.54	103.92	47
Y _M	90.22	-10.59	99.51	100.07	96
L _M	48.45	-73.18	42.21	84.49	150
C _M	56.88	-33.1	-47.4	57.83	235
V _M	16.48	45.84	-56.21	72.54	309
M _M	45.36	81.85	-9.28	82.38	354
N _M	0.01	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

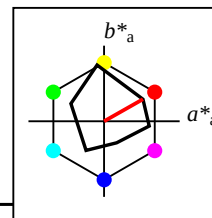
OLS00a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	45.14	71.37	75.54	103.92	47
Y _{Ma}	90.22	-10.59	99.51	100.07	96
L _{Ma}	48.45	-73.18	42.21	84.49	150
C _{Ma}	56.88	-33.1	-47.4	57.83	235
V _{Ma}	16.48	45.84	-56.21	72.54	309
M _{Ma}	45.36	81.85	-9.28	82.38	354
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

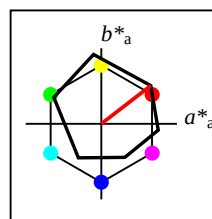
OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Workflow choices
for colour samples:
1. No colour change
2. Hue change
3. Chroma change



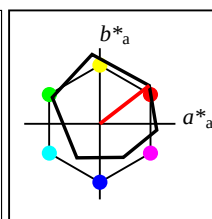
%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

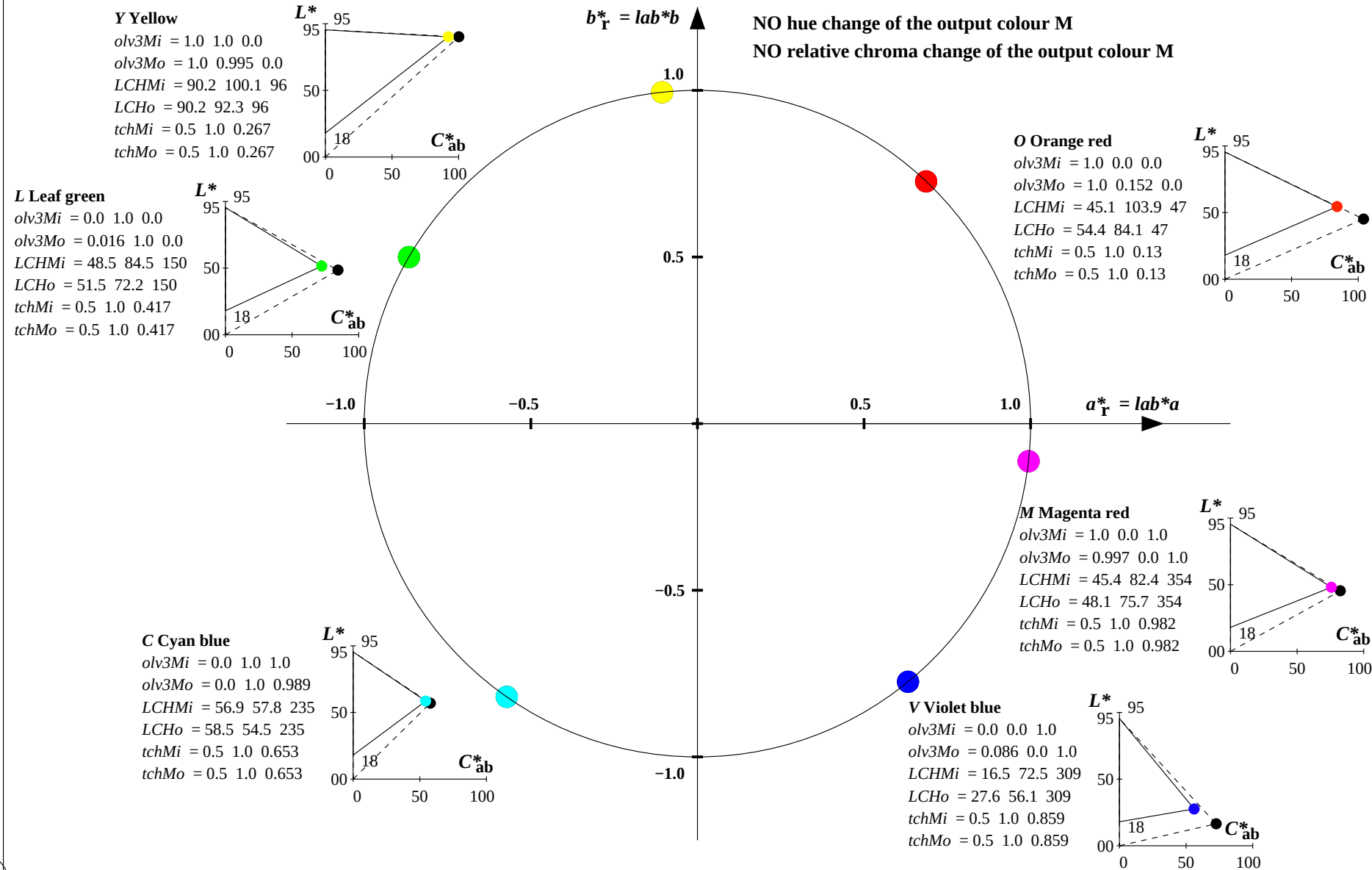
OLS18a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.25	91.75	92.32	96
L _{Ma}	50.9	-62.82	34.96	71.9	151
C _{Ma}	58.62	-30.33	-45.0	54.28	236
V _{Ma}	25.72	31.1	-44.39	54.21	305
M _{Ma}	48.13	75.28	-8.35	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	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



%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

OLS18	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	47.94	65.39	50.52	82.63	38
Y _M	90.37	-10.25	91.75	92.32	96
L _M	50.9	-62.82	34.96	71.9	151
C _M	58.62	-30.33	-45.0	54.28	236
V _M	25.72	31.1	-44.39	54.21	305
M _M	48.13	75.28	-8.35	75.74	354
N _M	18.01	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	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

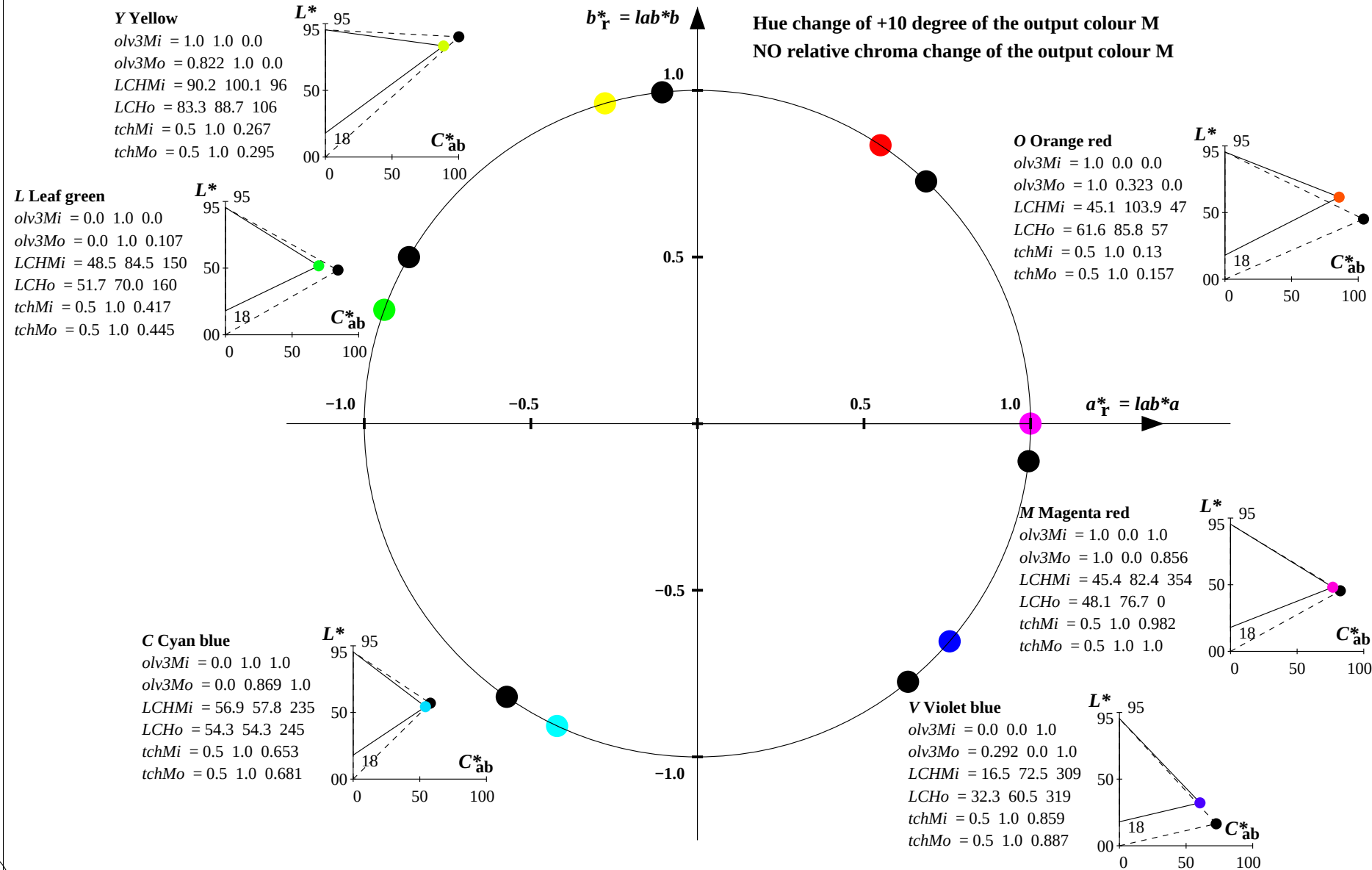
Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS18: Output (o) colorimetric system; Six hue angles of the colour device: (37.7, 96.4, 150.9, 236.0, 305.0, 353.7); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS18, page 14/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS18 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 14/32 output: no change compared to input

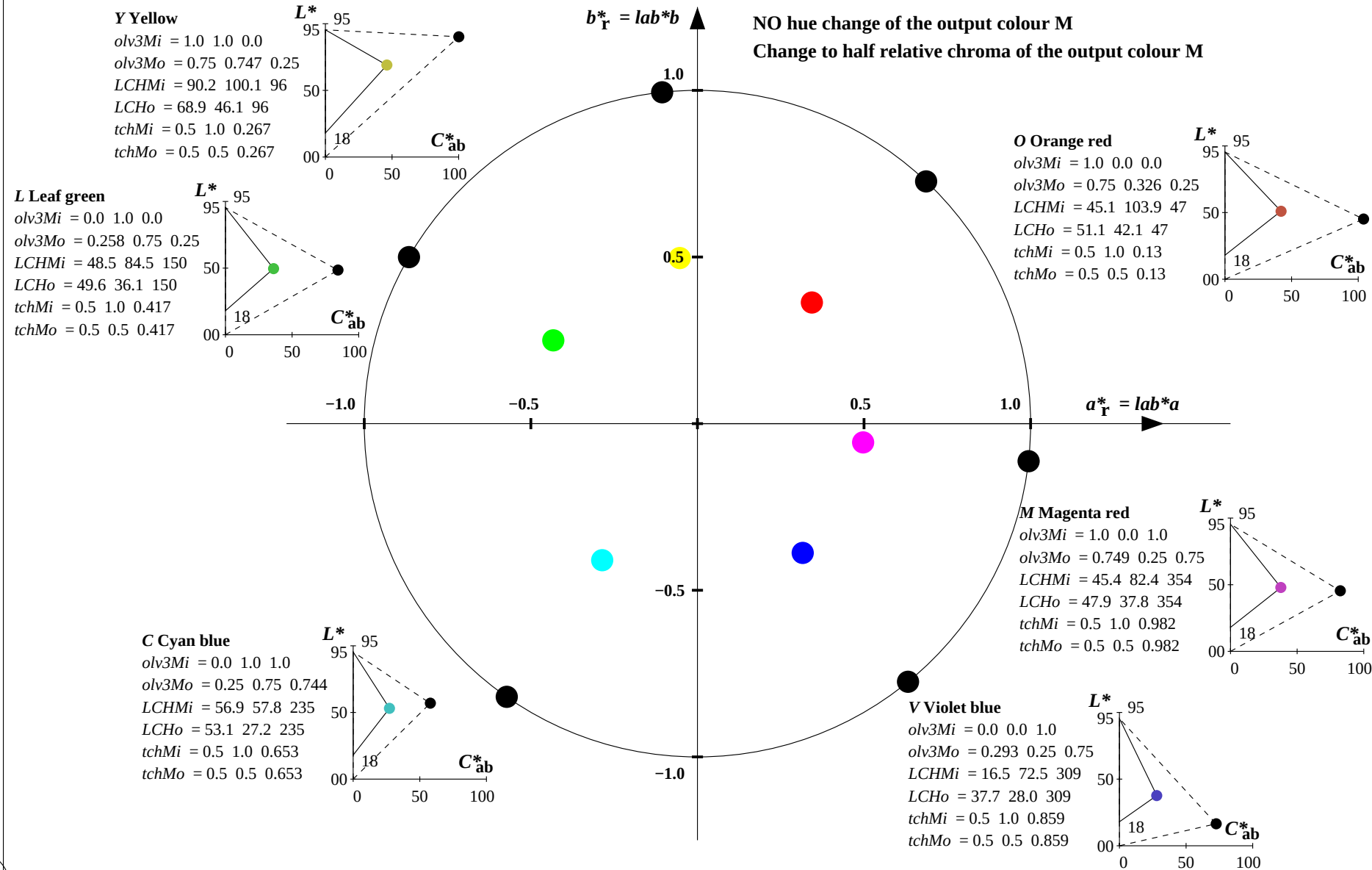
Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (--) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS18: Output (o) colorimetric system; Six hue angles of the colour device: (37.7, 96.4, 150.9, 236.0, 305.0, 353.7); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS18, page 15/32

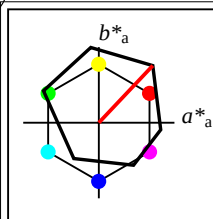
BAM-test chart YE69; Colorimetric workflow OLS00->OLS18 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 15/32 output: no change compared to input

Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (--) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS18: Output (o) colorimetric system; Six hue angles of the colour device: (37.7, 96.4, 150.9, 236.0, 305.0, 353.7); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



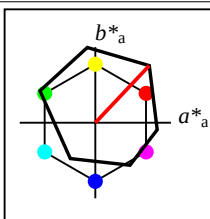
YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS18, page 16/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS18 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 16/32 output: no change compared to input



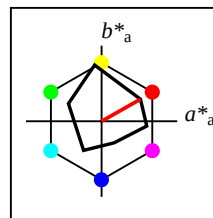
%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

OLS00	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	45.14	71.37	75.54	103.92	47
Y _M	90.22	-10.59	99.51	100.07	96
L _M	48.45	-73.18	42.21	84.49	150
C _M	56.88	-33.1	-47.4	57.83	235
V _M	16.48	45.84	-56.21	72.54	309
M _M	45.36	81.85	-9.28	82.38	354
N _M	0.01	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

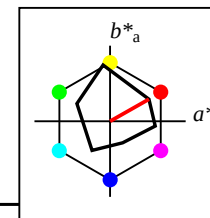
OLS00a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	45.14	71.37	75.54	103.92	47
Y _{Ma}	90.22	-10.59	99.51	100.07	96
L _{Ma}	48.45	-73.18	42.21	84.49	150
C _{Ma}	56.88	-33.1	-47.4	57.83	235
V _{Ma}	16.48	45.84	-56.21	72.54	309
M _{Ma}	45.36	81.85	-9.28	82.38	354
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

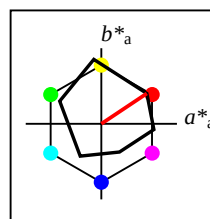
OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Workflow choices
for colour samples:
1. No colour change
2. Hue change
3. Chroma change



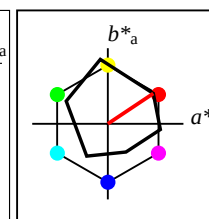
%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 74$
%Regularity
 $g^*_{H,rel} = 60$
 $g^*_{C,rel} = 52$

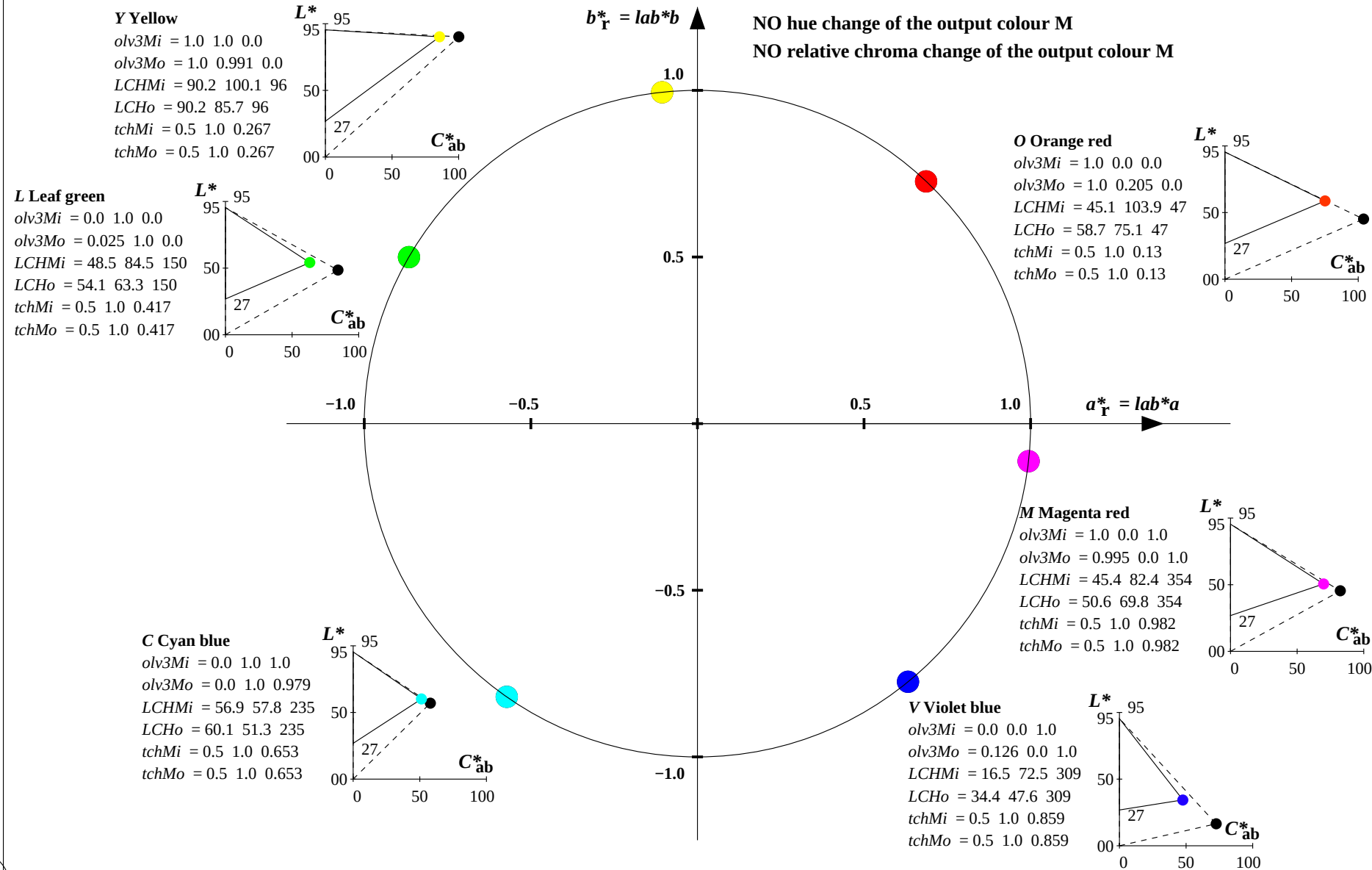
OLS28a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.51	60.17	40.13	72.32	34
Y _{Ma}	90.52	-9.91	85.2	85.78	97
L _{Ma}	53.18	-55.03	30.0	62.68	151
C _{Ma}	60.28	-27.9	-42.74	51.05	237
V _{Ma}	32.06	24.02	-37.31	44.38	303
M _{Ma}	50.68	69.5	-7.56	69.91	354
N _{Ma}	26.85	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 74$
%Regularity
 $g^*_{H,rel} = 60$
 $g^*_{C,rel} = 52$

OLS28	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	50.51	60.17	40.13	72.32	34
Y _M	90.52	-9.91	85.2	85.78	97
L _M	53.18	-55.03	30.0	62.68	151
C _M	60.28	-27.9	-42.74	51.05	237
V _M	32.06	24.02	-37.31	44.38	303
M _M	50.68	69.5	-7.56	69.91	354
N _M	26.85	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

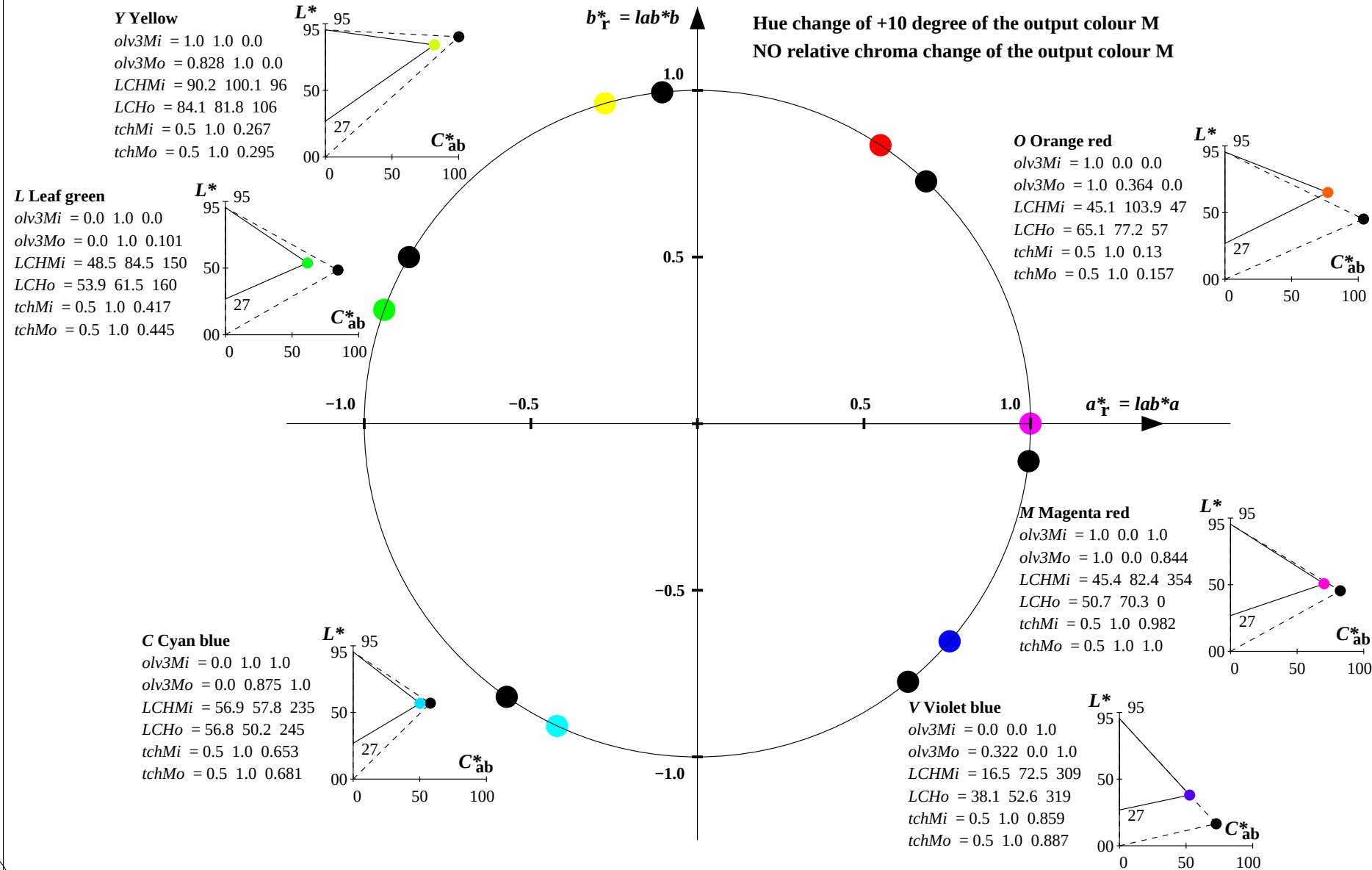
Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS28: Output (o) colorimetric system; Six hue angles of the colour device: (33.7, 96.6, 151.4, 236.9, 302.8, 353.8); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS28, page 18/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS28 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 18/32 output: no change compared to input

Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS28: Output (o) colorimetric system; Six hue angles of the colour device: (33.7, 96.6, 151.4, 236.9, 302.8, 353.8); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

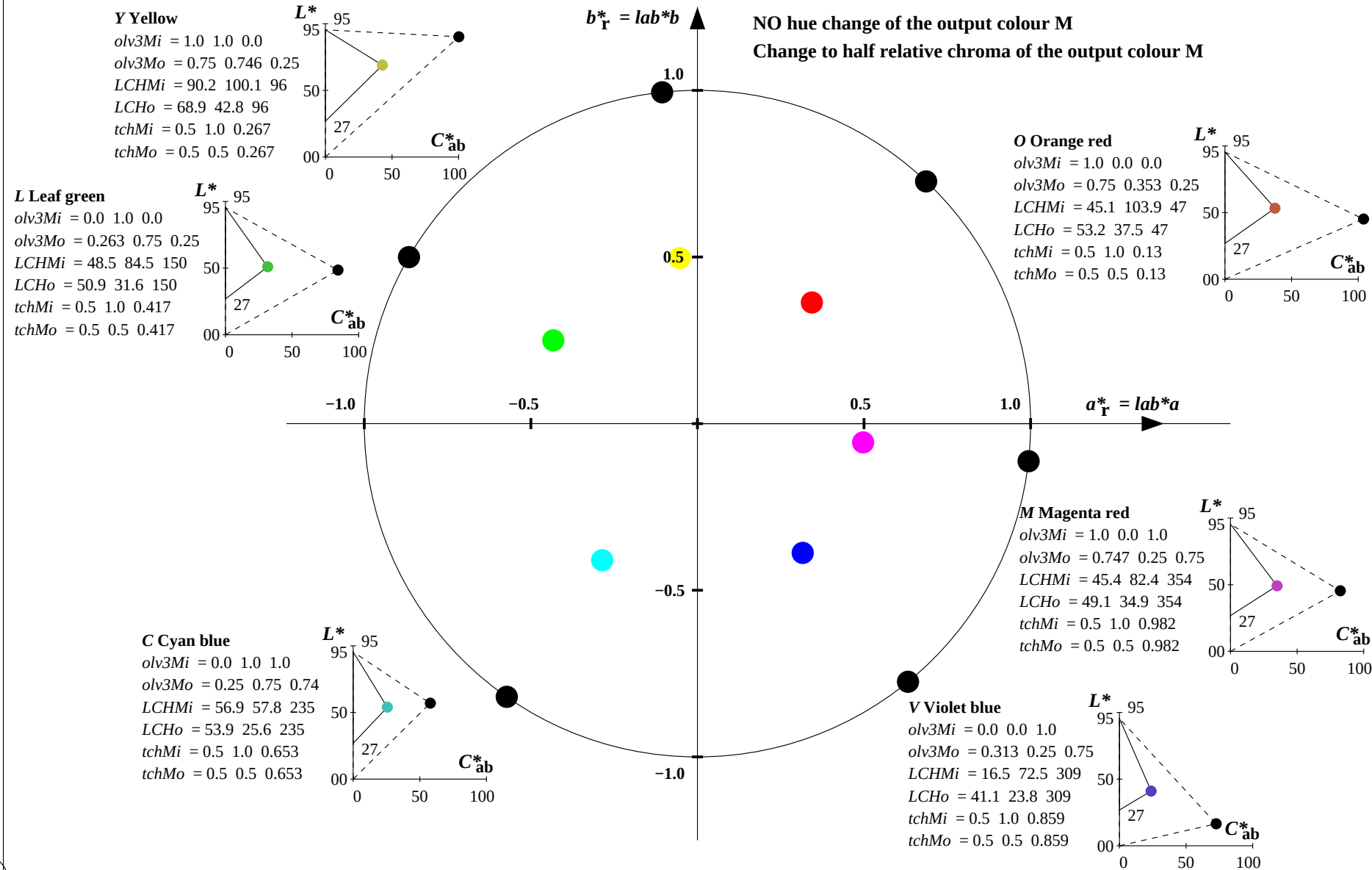


YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS28, page 19/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS28 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 19/32

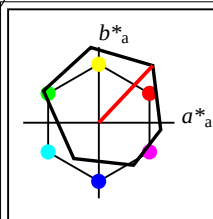
output: no change compared to input

Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (--) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS28: Output (o) colorimetric system; Six hue angles of the colour device: (33.7, 96.6, 151.4, 236.9, 302.8, 353.8); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



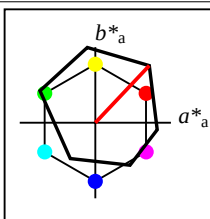
YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS28, page 20/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS28 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 20/32 output: no change compared to input



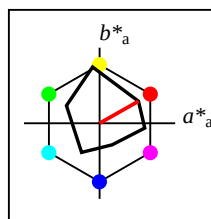
%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

OLS00	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	45.14	71.37	75.54	103.92	47
Y _M	90.22	-10.59	99.51	100.07	96
L _M	48.45	-73.18	42.21	84.49	150
C _M	56.88	-33.1	-47.4	57.83	235
V _M	16.48	45.84	-56.21	72.54	309
M _M	45.36	81.85	-9.28	82.38	354
N _M	0.01	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

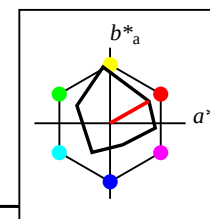
OLS00a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	45.14	71.37	75.54	103.92	47
Y _{Ma}	90.22	-10.59	99.51	100.07	96
L _{Ma}	48.45	-73.18	42.21	84.49	150
C _{Ma}	56.88	-33.1	-47.4	57.83	235
V _{Ma}	16.48	45.84	-56.21	72.54	309
M _{Ma}	45.36	81.85	-9.28	82.38	354
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

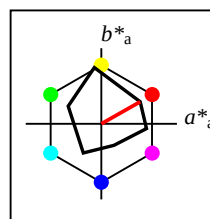
OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Workflow choices
for colour samples:
1. No colour change
2. Hue change
3. Chroma change



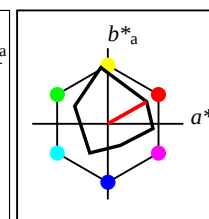
%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

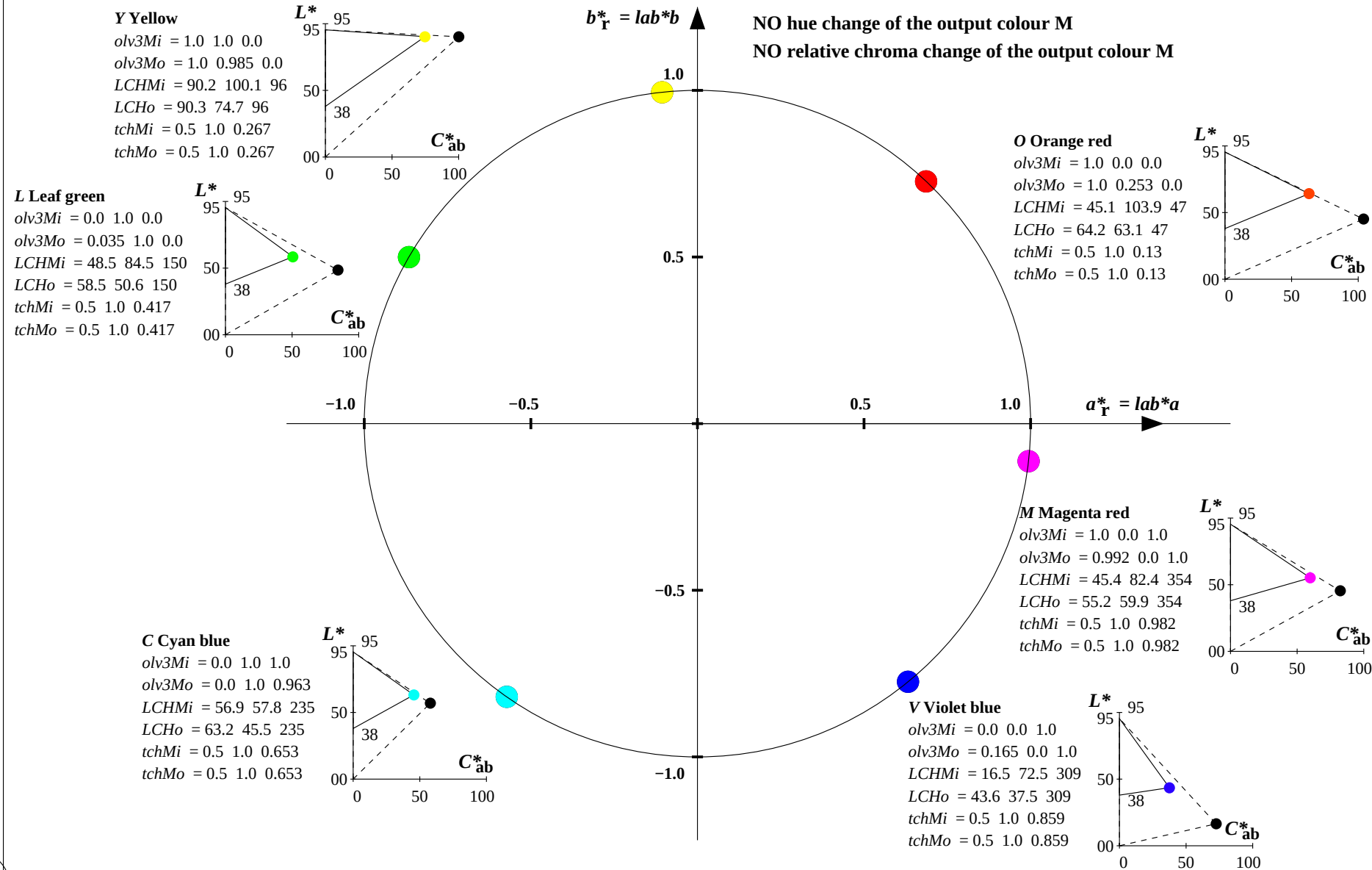
OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

OLS38	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	55.13	51.42	29.16	59.11	30
Y _M	90.83	-9.24	74.37	74.94	97
L _M	57.35	-43.83	23.35	49.67	152
C _M	63.39	-23.82	-38.55	45.33	238
V _M	41.26	16.67	-28.48	33.01	300
M _M	55.27	59.74	-6.31	60.07	354
N _M	37.99	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

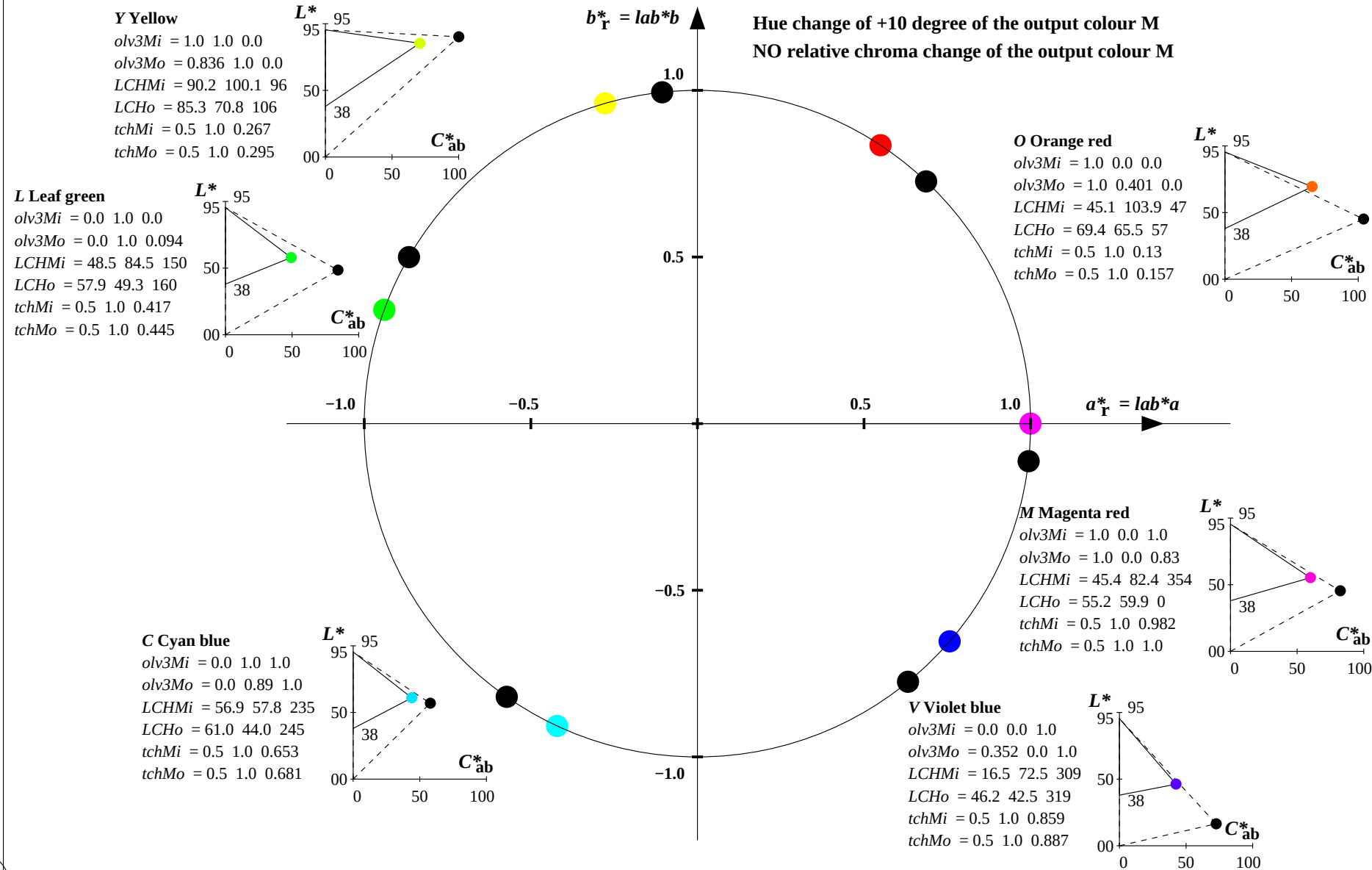
Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS38: Output (o) colorimetric system; Six hue angles of the colour device: (29.6, 97.1, 152.0, 238.3, 300.3, 354.0); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS38, page 22/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS38 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 22/32 output: no change compared to input

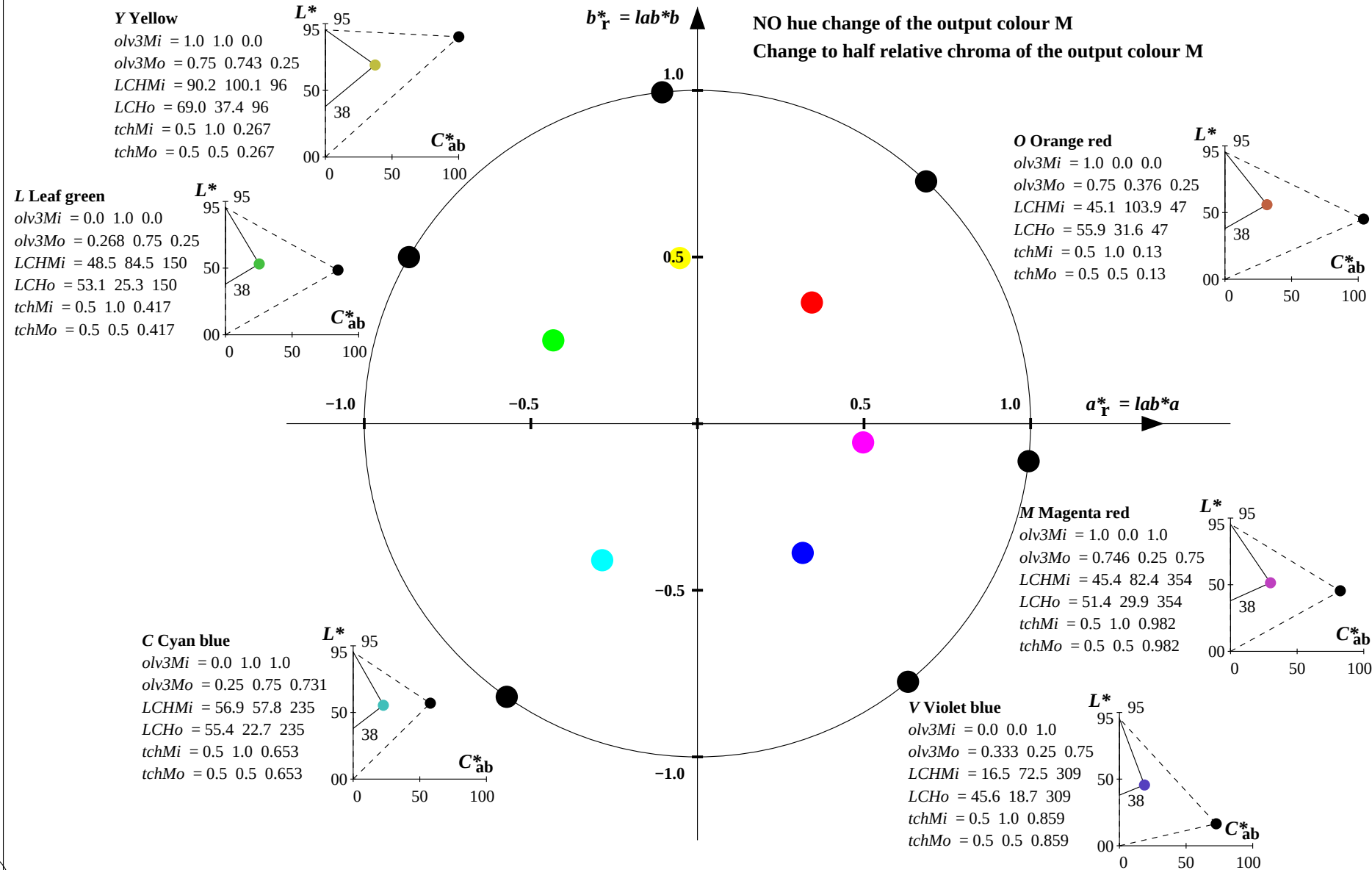
Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (--) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS38: Output (o) colorimetric system; Six hue angles of the colour device: (29.6, 97.1, 152.0, 238.3, 300.3, 354.0); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS38, page 23/32

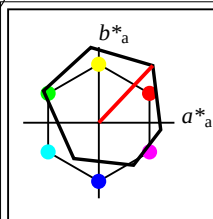
BAM-test chart YE69; Colorimetric workflow OLS00->OLS38 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 23/32 output: no change compared to input

Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS38: Output (o) colorimetric system; Six hue angles of the colour device: (29.6, 97.1, 152.0, 238.3, 300.3, 354.0); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



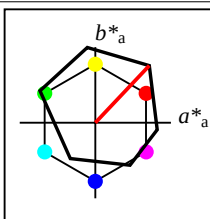
YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS38, page 24/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS38 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 24/32 output: no change compared to input



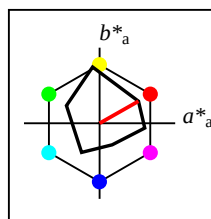
%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

OLS00	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	45.14	71.37	75.54	103.92	47
Y _M	90.22	-10.59	99.51	100.07	96
L _M	48.45	-73.18	42.21	84.49	150
C _M	56.88	-33.1	-47.4	57.83	235
V _M	16.48	45.84	-56.21	72.54	309
M _M	45.36	81.85	-9.28	82.38	354
N _M	0.01	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

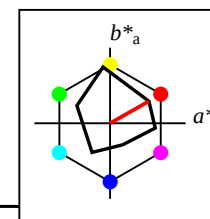
OLS00a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	45.14	71.37	75.54	103.92	47
Y _{Ma}	90.22	-10.59	99.51	100.07	96
L _{Ma}	48.45	-73.18	42.21	84.49	150
C _{Ma}	56.88	-33.1	-47.4	57.83	235
V _{Ma}	16.48	45.84	-56.21	72.54	309
M _{Ma}	45.36	81.85	-9.28	82.38	354
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

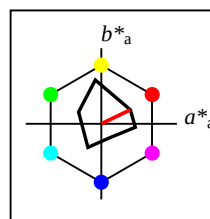
OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Workflow choices
for colour samples:
1. No colour change
2. Hue change
3. Chroma change



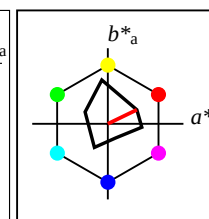
%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 29$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 37$

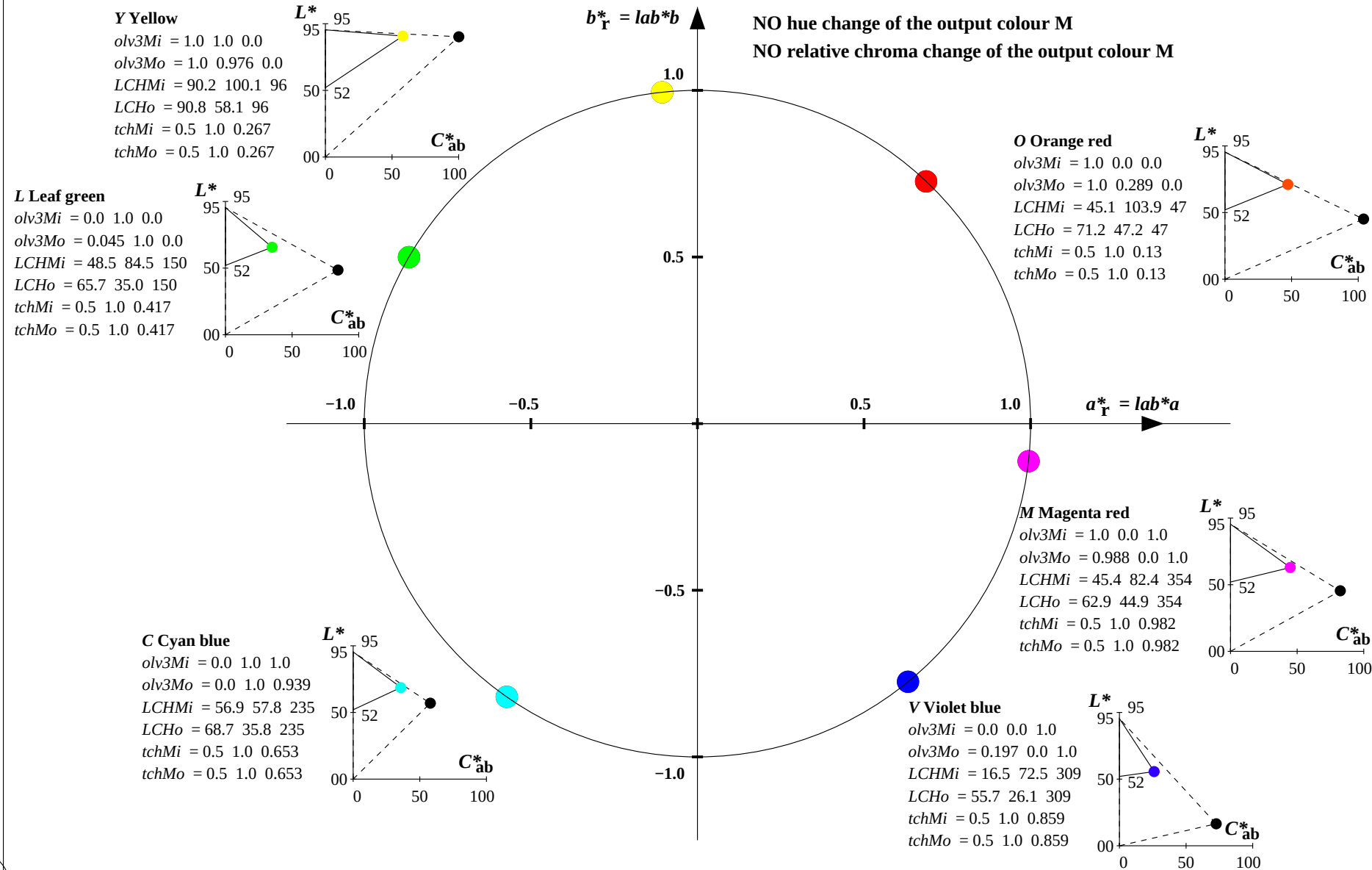
OLS50a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	62.9	38.38	18.55	42.63	26
Y _{Ma}	91.44	-7.94	57.91	58.45	98
L _{Ma}	64.49	-30.05	15.67	33.9	152
C _{Ma}	68.98	-17.73	-31.23	35.93	240
V _{Ma}	53.87	10.09	-18.83	21.37	298
M _{Ma}	63.0	44.96	-4.55	45.19	354
N _{Ma}	52.02	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 29$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 37$

OLS50	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	62.9	38.38	18.55	42.63	26
Y _M	91.44	-7.94	57.91	58.45	98
L _M	64.49	-30.05	15.67	33.9	152
C _M	68.98	-17.73	-31.23	35.93	240
V _M	53.87	10.09	-18.83	21.37	298
M _M	63.0	44.96	-4.55	45.19	354
N _M	52.02	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS50: Output (o) colorimetric system; Six hue angles of the colour device: (25.8, 97.8, 152.5, 240.4, 298.2, 354.2); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS50, page 26/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS50 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 26/32 output: no change compared to input

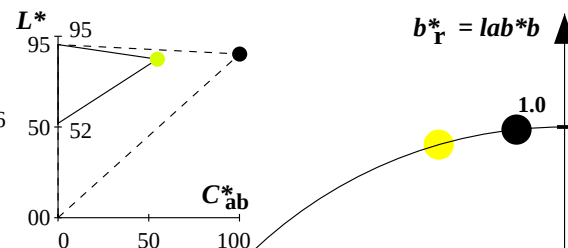
Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)

OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

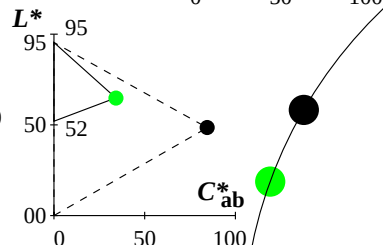
OLS50: Output (o) colorimetric system; Six hue angles of the colour device: (25.8, 97.8, 152.5, 240.4, 298.2, 354.2); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

Y Yellow

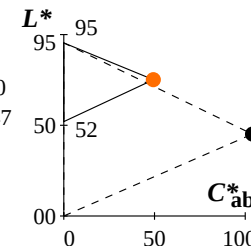
olv3Mi = 1.0 1.0 0.0
 olv3Mo = 0.849 1.0 0.0
 LCHMi = 90.2 100.1 96
 LCHo = 87.4 54.7 106
 tchMi = 0.5 1.0 0.267
 tchMo = 0.5 1.0 0.295

**L Leaf green**

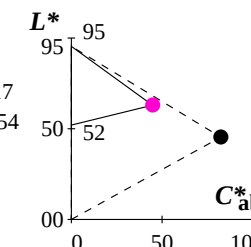
olv3Mi = 0.0 1.0 0.0
 olv3Mo = 0.0 1.0 0.086
 LCHMi = 48.5 84.5 150
 LCHo = 64.9 34.1 160
 tchMi = 0.5 1.0 0.417
 tchMo = 0.5 1.0 0.445

**O Orange red**

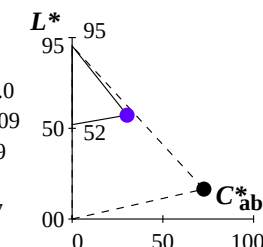
olv3Mi = 1.0 0.0 0.0
 olv3Mo = 1.0 0.428 0.0
 LCHMi = 45.1 103.9 47
 LCHo = 75.1 49.4 57
 tchMi = 0.5 1.0 0.13
 tchMo = 0.5 1.0 0.157

**M Magenta red**

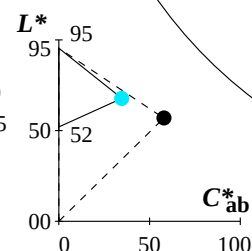
olv3Mi = 1.0 0.0 1.0
 olv3Mo = 1.0 0.0 0.817
 LCHMi = 45.4 82.4 354
 LCHo = 63.0 44.7 0
 tchMi = 0.5 1.0 0.982
 tchMo = 0.5 1.0 1.0

**V Violet blue**

olv3Mi = 0.0 0.0 1.0
 olv3Mo = 0.375 0.0 1.0
 LCHMi = 16.5 72.5 309
 LCHo = 57.3 30.3 319
 tchMi = 0.5 1.0 0.859
 tchMo = 0.5 1.0 0.887

**C Cyan blue**

olv3Mi = 0.0 1.0 1.0
 olv3Mo = 0.0 0.919 1.0
 LCHMi = 56.9 57.8 235
 LCHo = 67.8 34.7 245
 tchMi = 0.5 1.0 0.653
 tchMo = 0.5 1.0 0.681



Hue change of +10 degree of the output colour M

NO relative chroma change of the output colour M

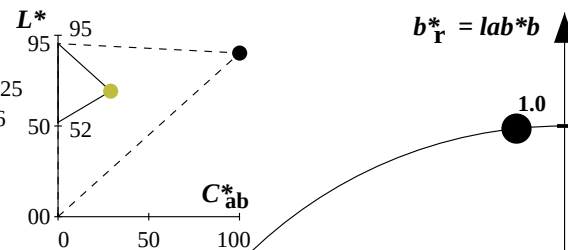
Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)

OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

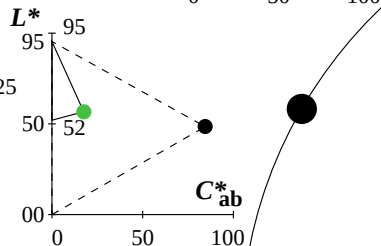
OLS50: Output (o) colorimetric system; Six hue angles of the colour device: (25.8, 97.8, 152.5, 240.4, 298.2, 354.2); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

Y Yellow

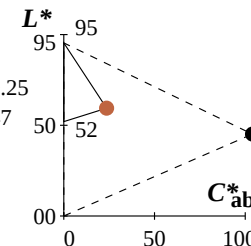
olv3Mi = 1.0 1.0 0.0
 olv3Mo = 0.75 0.738 0.25
 LCHMi = 90.2 100.1 96
 LCHo = 69.2 29.0 96
 tchMi = 0.5 1.0 0.267
 tchMo = 0.5 0.5 0.267

**L Leaf green**

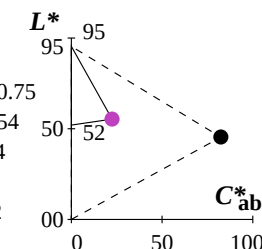
olv3Mi = 0.0 1.0 0.0
 olv3Mo = 0.272 0.75 0.25
 LCHMi = 48.5 84.5 150
 LCHo = 56.7 17.5 150
 tchMi = 0.5 1.0 0.417
 tchMo = 0.5 0.5 0.417

**O Orange red**

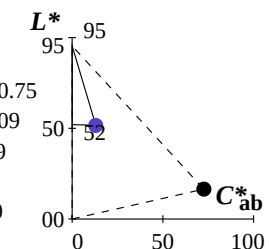
olv3Mi = 1.0 0.0 0.0
 olv3Mo = 0.75 0.395 0.25
 LCHMi = 45.1 103.9 47
 LCHo = 59.4 23.6 47
 tchMi = 0.5 1.0 0.13
 tchMo = 0.5 0.5 0.13

**M Magenta red**

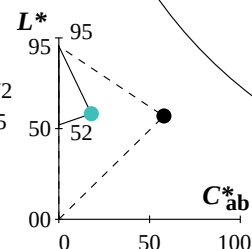
olv3Mi = 1.0 0.0 1.0
 olv3Mo = 0.744 0.25 0.75
 LCHMi = 45.4 82.4 354
 LCHo = 55.3 22.4 354
 tchMi = 0.5 1.0 0.982
 tchMo = 0.5 0.5 0.982

**V Violet blue**

olv3Mi = 0.0 0.0 1.0
 olv3Mo = 0.348 0.25 0.75
 LCHMi = 16.5 72.5 309
 LCHo = 51.7 13.0 309
 tchMi = 0.5 1.0 0.859
 tchMo = 0.5 0.5 0.859

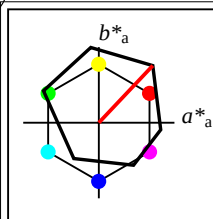
**C Cyan blue**

olv3Mi = 0.0 1.0 1.0
 olv3Mo = 0.25 0.75 0.72
 LCHMi = 56.9 57.8 235
 LCHo = 58.2 17.9 235
 tchMi = 0.5 1.0 0.653
 tchMo = 0.5 0.5 0.653



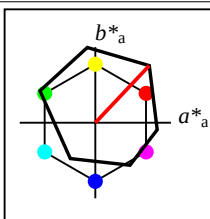
NO hue change of the output colour M

Change to half relative chroma of the output colour M



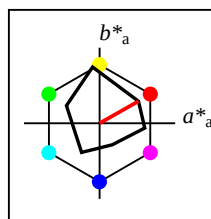
%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

OLS00	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	45.14	71.37	75.54	103.92	47
Y _M	90.22	-10.59	99.51	100.07	96
L _M	48.45	-73.18	42.21	84.49	150
C _M	56.88	-33.1	-47.4	57.83	235
V _M	16.48	45.84	-56.21	72.54	309
M _M	45.36	81.85	-9.28	82.38	354
N _M	0.01	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 133$
%Regularity
 $g^*_{H,rel} = 52$
 $g^*_{C,rel} = 56$

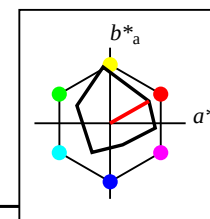
OLS00a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	45.14	71.37	75.54	103.92	47
Y _{Ma}	90.22	-10.59	99.51	100.07	96
L _{Ma}	48.45	-73.18	42.21	84.49	150
C _{Ma}	56.88	-33.1	-47.4	57.83	235
V _{Ma}	16.48	45.84	-56.21	72.54	309
M _{Ma}	45.36	81.85	-9.28	82.38	354
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

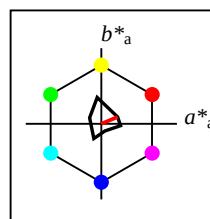
OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Workflow choices
for colour samples:
1. No colour change
2. Hue change
3. Chroma change



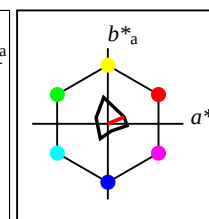
%Gamut
 $u^*_{rel} = 51$
%Regularity
 $g^*_{H,rel} = 62$
 $g^*_{C,rel} = 44$

OLS38a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	55.13	51.42	29.16	59.11	30
Y _{Ma}	90.83	-9.24	74.37	74.94	97
L _{Ma}	57.35	-43.83	23.35	49.67	152
C _{Ma}	63.39	-23.82	-38.55	45.33	238
V _{Ma}	41.26	16.67	-28.48	33.01	300
M _{Ma}	55.27	59.74	-6.31	60.07	354
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 10$
%Regularity
 $g^*_{H,rel} = 59$
 $g^*_{C,rel} = 30$

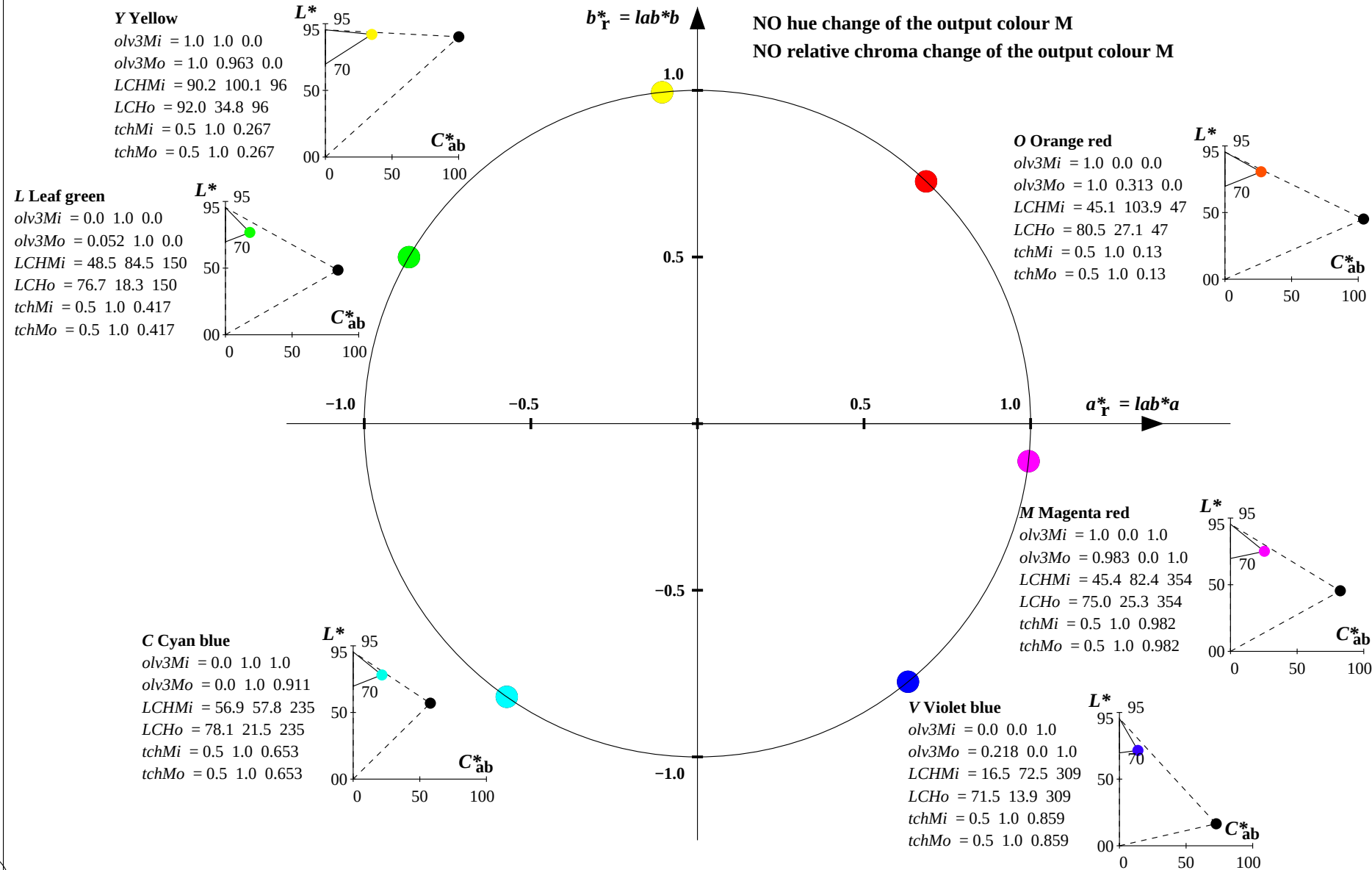
OLS70a; adapted CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	75.01	21.53	9.07	23.36	23
Y _{Ma}	92.64	-5.44	34.85	35.27	99
L _{Ma}	75.86	-15.49	7.96	17.42	153
C _{Ma}	78.37	-9.89	-19.5	21.88	243
V _{Ma}	70.54	4.74	-9.46	10.59	297
M _{Ma}	75.07	25.47	-2.45	25.59	354
N _{Ma}	69.7	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 10$
%Regularity
 $g^*_{H,rel} = 59$
 $g^*_{C,rel} = 30$

OLS70	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	75.01	21.53	9.07	23.36	23
Y _M	92.64	-5.44	34.85	35.27	99
L _M	75.86	-15.49	7.96	17.42	153
C _M	78.37	-9.89	-19.5	21.88	243
V _M	70.54	4.74	-9.46	10.59	297
M _M	75.07	25.47	-2.45	25.59	354
N _M	69.7	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

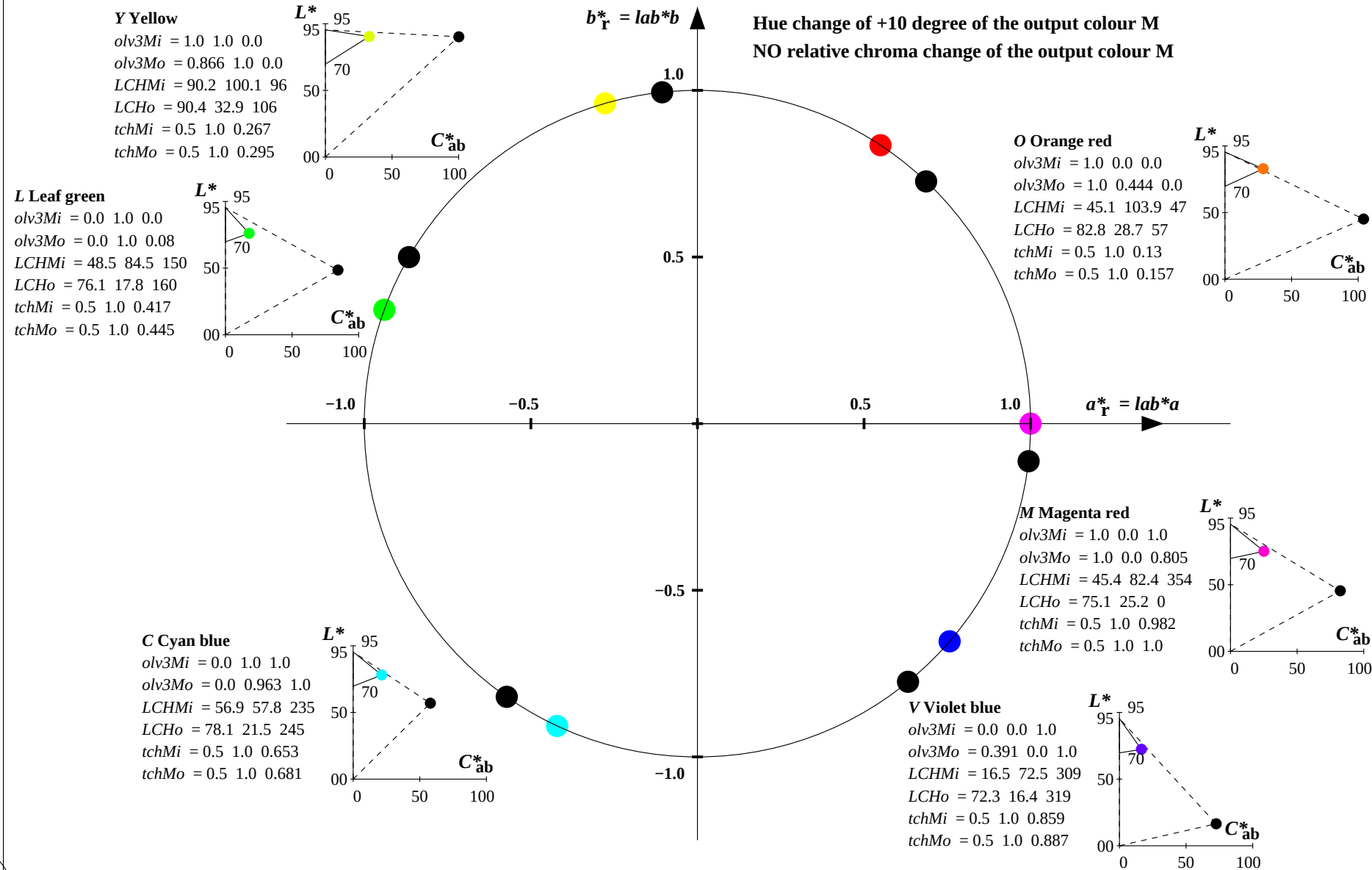
Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (--) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS70: Output (o) colorimetric system; Six hue angles of the colour device: (22.8, 98.9, 152.8, 243.1, 296.6, 354.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS70, page 30/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS70 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 30/32 output: no change compared to input

Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (--) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS70: Output (o) colorimetric system; Six hue angles of the colour device: (22.8, 98.9, 152.8, 243.1, 296.6, 354.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

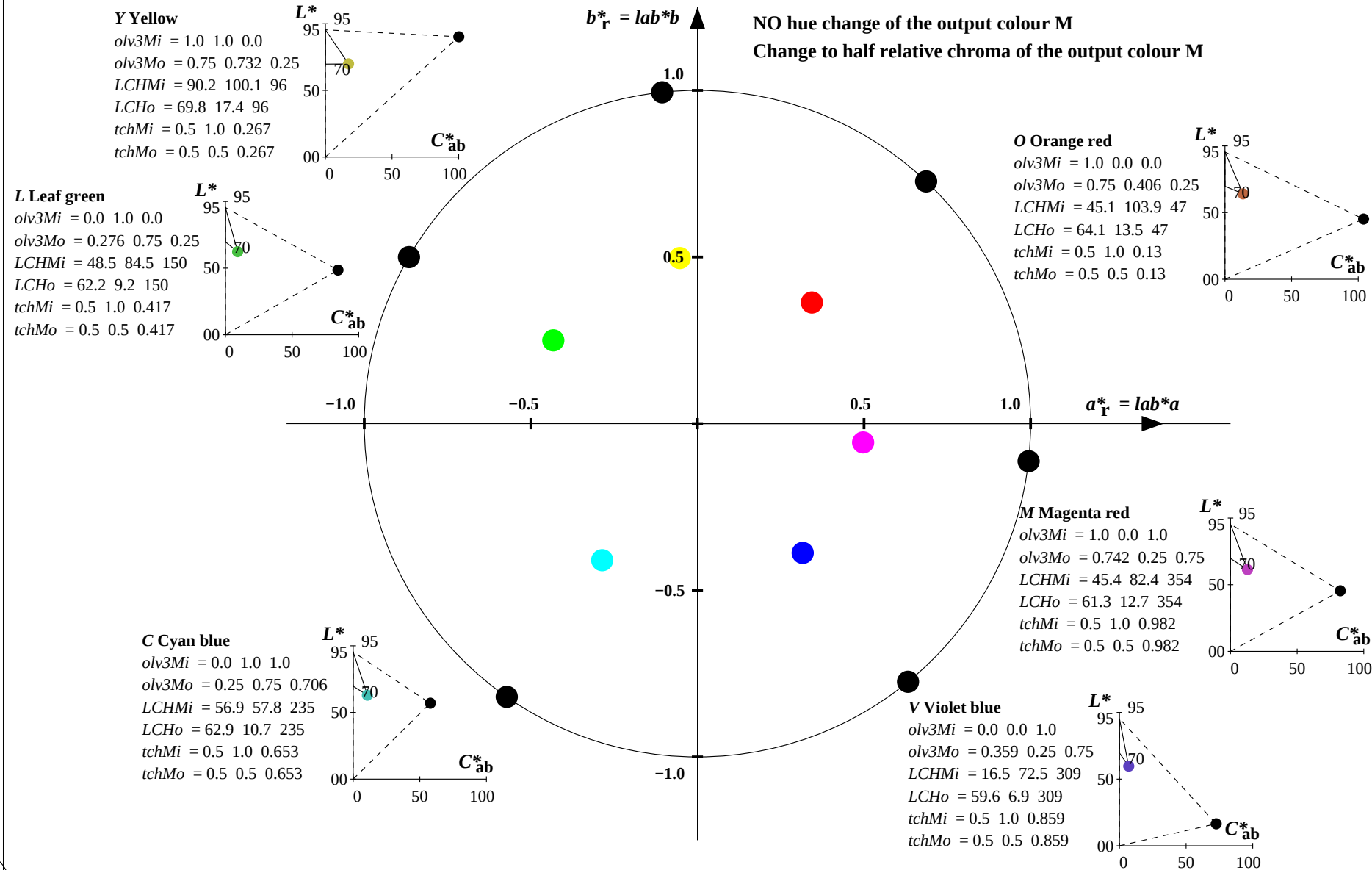


YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS70, page 31/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS70 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 31/32

output: no change compared to input

Relative CIELAB chroma diagram: ($a_r^* = lab^*a$, $b_r^* = lab^*b$) and absolute CIELAB hue triangle diagram: (L^* , C_{ab}^*) for input (---) and output (---)
OLS00: Input (i) colorimetric system; Six hue angles of the colour device: (46.6, 96.1, 150.0, 235.1, 309.2, 353.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)
OLS70: Output (o) colorimetric system; Six hue angles of the colour device: (22.8, 98.9, 152.8, 243.1, 296.6, 354.5); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)



YE690-7, Colour Management Workflow: Device Colour Input Data of the Colour Space OLS00 -> Device Colour Output Data of Output Space OLS70, page 32/32

BAM-test chart YE69; Colorimetric workflow OLS00->OLS70 input: olv* setrgbcolor
D65: 6 basic colours; Device and sample data; page 32/32 output: no change compared to input