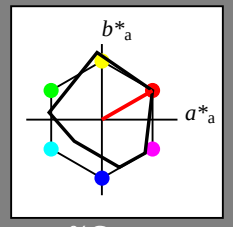
Input: Colorimetric Reflective System MRS18
for hue *h* = lab*h = 30/360 = 0.083*
lab*tch* and *lab*nch

D65: hue R
LCH*Ma: 50 77 30
rgb*Ma: 1.0 0.0 0.0

triangle lightness *t**



%Gamut

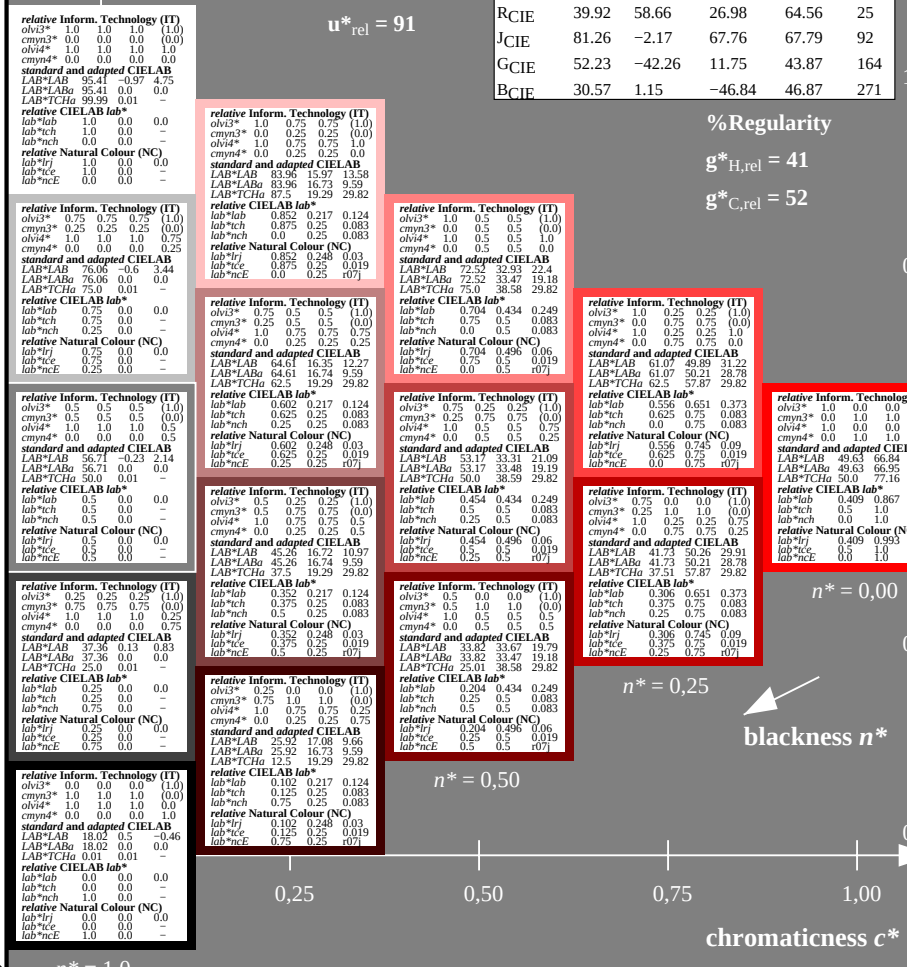
u*$_{rel}$ = 91

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

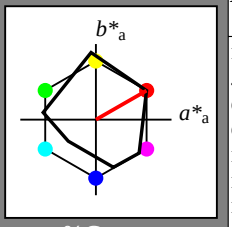
MRS18; adapted (a) CIELAB data	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271



Output: Colorimetric Reflective System MRS18
for hue *h* = lab*h = 30/360 = 0.083*
lab*tch* and *lab*nch

D65: hue R
LCH*Ma: 50 77 30
rgb*Ma: 1.0 0.0 0.0

triangle lightness *t**



%Gamut

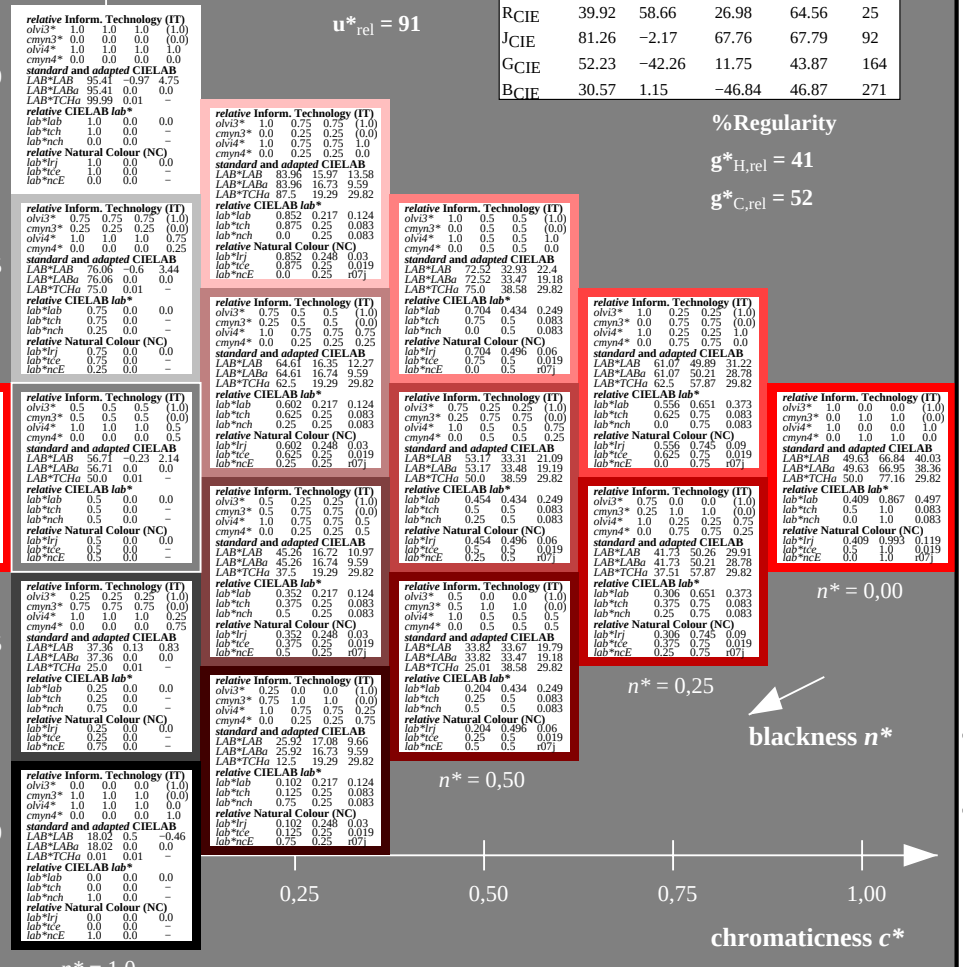
u*$_{rel}$ = 91

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

MRS18; adapted (a) CIELAB data	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271



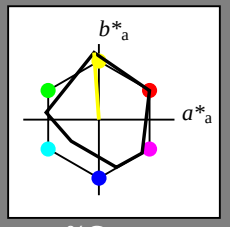
TE540−7, 5 step scales for constant CIELAB hue 30/360 = 0.083 (left)

5 step scales for constant CIELAB hue 30/360 = 0.083 (right)

Input: Colorimetric Reflective System MRS18
for hue *h = *lab*h* = 94/360 = 0.261**
lab*tch* and *lab*nch

D65: hue J
LCH*Ma: 91 89 94
rgb*Ma: 1.0 1.0 0.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data

	*L**=*L**$_a$	*a**$_a$	*b**$_a$	*C**$_{ab,a}$	*h**$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

1,00
0,75
0,25
0,00

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 1,0

blackness *n**

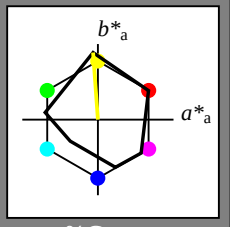
0,25 0,50 0,75 1,00

chromaticness *c**

Output: Colorimetric Reflective System MRS18
for hue *h = *lab*h* = 94/360 = 0.261**
lab*tch* and *lab*nch

D65: hue J
LCH*Ma: 91 89 94
rgb*Ma: 1.0 1.0 0.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data

	*L**=*L**$_a$	*a**$_a$	*b**$_a$	*C**$_{ab,a}$	*h**$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 1,0

blackness *n**

0,25 0,50 0,75 1,00

chromaticness *c**

TE540−7, 5 step scales for constant CIELAB hue 94/360 = 0.261 (left)

5 step scales for constant CIELAB hue 94/360 = 0.261 (right)

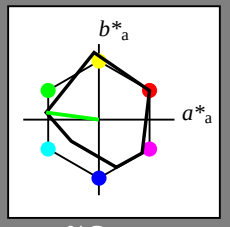
BAM-test chart TE54; Colorimetric systems ORS18 & ORS18
D65: 2 coordinate data of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *Startup (S) data dependend*

Input: Colorimetric Reflective System MRS18
for hue *h* = lab*h = 172/360 = 0.479*
lab*tch* and *lab*nch

D65: hue G
LCH*Ma: 52 70 172
rgb*Ma: 0.0 1.0 0.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

1,00

0,75

0,25

0,00

n = 0,00*

n = 0,25*

n = 0,50*

n = 1,0*

blackness *n**

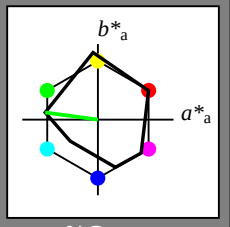
0,25 0,50 0,75 1,00

chromaticness *c**

Output: Colorimetric Reflective System MRS18
for hue *h* = lab*h = 172/360 = 0.479*
lab*tch* and *lab*nch

D65: hue G
LCH*Ma: 52 70 172
rgb*Ma: 0.0 1.0 0.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

n = 0,00*

n = 0,25*

n = 0,50*

n = 1,0*

blackness *n**

0,25 0,50 0,75 1,00

chromaticness *c**

TE540−7, 5 step scales for constant CIELAB hue 172/360 = 0.479 (left)

5 step scales for constant CIELAB hue 172/360 = 0.479 (right)

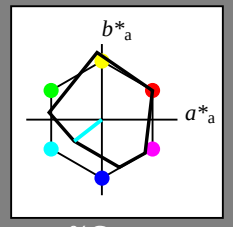
BAM-test chart TE54; Colorimetric systems ORS18 & ORS18
D65: 2 coordinate data of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *Startup (S) data dependend*

Input: Colorimetric Reflective System MRS18
for hue *h = *lab*h* = 218/360 = 0.605**
lab*tch* and *lab*nch

D65: hue G50B
LCH*Ma: 45 46 218
rgb*Ma: 0.0 1.0 1.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data	*L*=L*$_a$*	*a*$_a$*	*b*$_a$*	*C*$_{ab,a}$*	*h*$_{ab,a}$*
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

1,00
0,75
0,25
0,00

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 1,0

blackness *n**

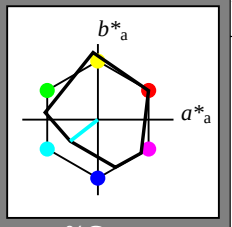
0,25 0,50 0,75 1,00

chromaticness *c**

Output: Colorimetric Reflective System MRS18
for hue *h = *lab*h* = 218/360 = 0.605**
lab*tch* and *lab*nch

D65: hue G50B
LCH*Ma: 45 46 218
rgb*Ma: 0.0 1.0 1.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data	*L*=L*$_a$*	*a*$_a$*	*b*$_a$*	*C*$_{ab,a}$*	*h*$_{ab,a}$*
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 1,0

blackness *n**

0,25 0,50 0,75 1,00

chromaticness *c**

TE540−7, 5 step scales for constant CIELAB hue 218/360 = 0.605 (left)

5 step scales for constant CIELAB hue 218/360 = 0.605 (right)

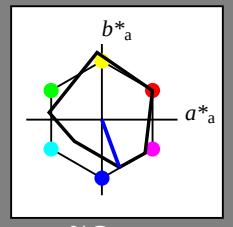
BAM-test chart TE54; Colorimetric systems ORS18 & ORS18
D65: 2 coordinate data of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *Startup (S) data dependend*

Input: Colorimetric Reflective System MRS18
for hue *h = *lab*h* = 290/360 = 0.806**
lab*tch* and *lab*nch

D65: hue B
LCH*Ma: 37 67 290
rgb*Ma: 0.0 0.0 1.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data

	*L**=*L**$_a$	*a**$_a$	*b**$_a$	*C**$_{ab,a}$	*h**$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

1,00
0,75
0,25
0,00

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 1,0

blackness *n**

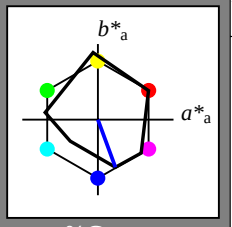
0,25 0,50 0,75 1,00

chromaticness *c**

Output: Colorimetric Reflective System MRS18
for hue *h = *lab*h* = 290/360 = 0.806**
lab*tch* and *lab*nch

D65: hue B
LCH*Ma: 37 67 290
rgb*Ma: 0.0 0.0 1.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data

	*L**=*L**$_a$	*a**$_a$	*b**$_a$	*C**$_{ab,a}$	*h**$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 1,0

blackness *n**

0,25 0,50 0,75 1,00

chromaticness *c**

TE540−7, 5 step scales for constant CIELAB hue 290/360 = 0.806 (left)

5 step scales for constant CIELAB hue 290/360 = 0.806 (right)

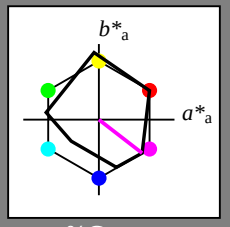
BAM-test chart TE54; Colorimetric systems ORS18 & ORS18
D65: 2 coordinate data of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *Startup (S) data dependend*

Input: Colorimetric Reflective System MRS18
for hue *h* = lab*h = 322/360 = 0.895*
lab*tch* and *lab*nch

D65: hue B50R
LCH*Ma: 35 72 322
rgb*Ma: 1.0 0.0 1.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

1,00

0,75

0,25

0,00

n = 0,00*

n = 0,25*

n = 0,50*

n = 1,0*

blackness *n**

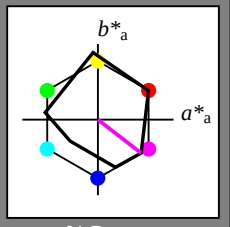
chromaticness *c**

0,25 0,50 0,75 1,00

Output: Colorimetric Reflective System MRS18
for hue *h* = lab*h = 322/360 = 0.895*
lab*tch* and *lab*nch

D65: hue B50R
LCH*Ma: 35 72 322
rgb*Ma: 1.0 0.0 1.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

TE540−7, 5 step scales for constant CIELAB hue 322/360 = 0.895 (left)

5 step scales for constant CIELAB hue 322/360 = 0.895 (right)

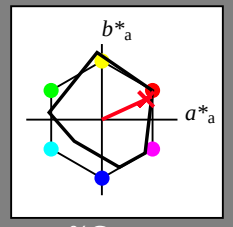
BAM-test chart TE54; Colorimetric systems ORS18 & ORS18
D65: 2 coordinate data of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *Startup (S) data dependend*

Input: Colorimetric Reflective System MRS18
for hue *h* = lab*h = 25/360 = 0.069*
lab*tch* and *lab*nch

D65: hue R
LCH*Ma: 48 73 25
rgb*Ma: 1.0 0.0 0.1

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

1,00
0,75
0,25
0,00

n = 0,00*
n = 0,25*
n = 0,50*
n = 1,0*

blackness *n**

0,25 0,50 0,75 1,00

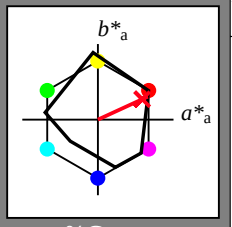
chromaticness *c**

TE540−7, 5 step scales for constant CIELAB hue 25/360 = 0.069 (left)

Output: Colorimetric Reflective System MRS18
for hue *h* = lab*h = 25/360 = 0.069*
lab*tch* and *lab*nch

D65: hue R
LCH*Ma: 48 73 25
rgb*Ma: 1.0 0.0 0.1

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

n = 0,00*
n = 0,25*
n = 0,50*
n = 1,0*

blackness *n**

0,25 0,50 0,75 1,00

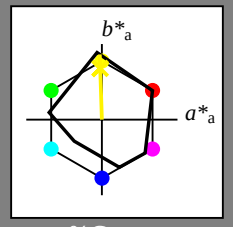
chromaticness *c**

5 step scales for constant CIELAB hue 25/360 = 0.069 (right)

Input: Colorimetric Reflective System MRS18
for hue *h* = lab*h = 92/360 = 0.255*
lab*tch* and *lab*nch

D65: hue J
LCH*Ma: 89 86 92
rgb*Ma: 1.0 0.95 0.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R$_{Ma}$	49.63	66.96	38.37	77.18	30
J$_{Ma}$	90.7	−6.36	88.75	88.98	94
G$_{Ma}$	52.11	−69.73	9.44	70.37	172
G50B$_{Ma}$	45.03	−36.57	−28.47	46.36	218
B$_{Ma}$	36.65	23.19	−63.05	67.18	290
B50R$_{Ma}$	34.94	57.17	−44.26	72.31	322
N$_{Ma}$	18.01	0.0	0.0	0.0	0
W$_{Ma}$	95.41	0.0	0.0	0.0	0
R$_{CIE}$	39.92	58.66	26.98	64.56	25
J$_{CIE}$	81.26	−2.17	67.76	67.79	92
G$_{CIE}$	52.23	−42.26	11.75	43.87	164
B$_{CIE}$	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

1,00
0,75
0,25
0,00

n = 0,00*
n = 0,25*
n = 0,50*
n = 1,0*

blackness *n**

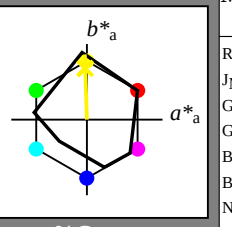
0,25 0,50 0,75 1,00

chromaticness *c**

Output: Colorimetric Reflective System MRS18
for hue *h* = lab*h = 92/360 = 0.255*
lab*tch* and *lab*nch

D65: hue J
LCH*Ma: 89 86 92
rgb*Ma: 1.0 0.95 0.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

MRS18; adapted (a) CIELAB data

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R$_{Ma}$	49.63	66.96	38.37	77.18	30
J$_{Ma}$	90.7	−6.36	88.75	88.98	94
G$_{Ma}$	52.11	−69.73	9.44	70.37	172
G50B$_{Ma}$	45.03	−36.57	−28.47	46.36	218
B$_{Ma}$	36.65	23.19	−63.05	67.18	290
B50R$_{Ma}$	34.94	57.17	−44.26	72.31	322
N$_{Ma}$	18.01	0.0	0.0	0.0	0
W$_{Ma}$	95.41	0.0	0.0	0.0	0
R$_{CIE}$	39.92	58.66	26.98	64.56	25
J$_{CIE}$	81.26	−2.17	67.76	67.79	92
G$_{CIE}$	52.23	−42.26	11.75	43.87	164
B$_{CIE}$	30.57	1.15	−46.84	46.87	271

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

n = 0,00*
n = 0,25*
n = 0,50*
n = 1,0*

blackness *n**

0,25 0,50 0,75 1,00

chromaticness *c**

TE540−7, 5 step scales for constant CIELAB hue 92/360 = 0.255 (left)

5 step scales for constant CIELAB hue 92/360 = 0.255 (right)

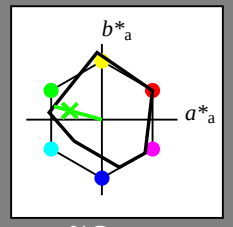
BAM-test chart TE54; Colorimetric systems ORS18 & ORS18
D65: 2 coordinate data of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *Startup (S) data dependend*

Input: Colorimetric Reflective System MRS18
for hue *h = *lab*h* = 164/360 = 0.457**
lab*tch* and *lab*nch

D65: hue G
LCH*Ma: 56 66 164
rgb*Ma: 0.1 1.0 0.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

MRS18; adapted (a) CIELAB data	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

1,00
0,75
0,50
0,25
0,00

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 1,0

blackness *n**

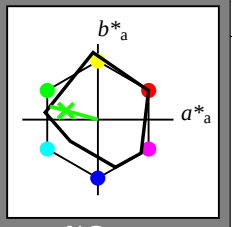
0,25 0,50 0,75 1,00

chromaticness *c**

Output: Colorimetric Reflective System MRS18
for hue *h = *lab*h* = 164/360 = 0.457**
lab*tch* and *lab*nch

D65: hue G
LCH*Ma: 56 66 164
rgb*Ma: 0.1 1.0 0.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

MRS18; adapted (a) CIELAB data	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

1,00
0,75
0,50
0,25
0,00

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 1,0

blackness *n**

0,25 0,50 0,75 1,00

chromaticness *c**

TE540−7, 5 step scales for constant CIELAB hue 164/360 = 0.457 (left)

5 step scales for constant CIELAB hue 164/360 = 0.457 (right)

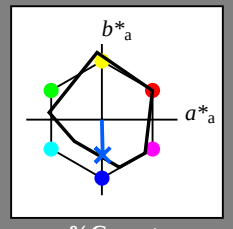
BAM-test chart TE54; Colorimetric systems ORS18 & ORS18
D65: 2 coordinate data of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *Startup (S) data dependend*

Input: Colorimetric Reflective System MRS18
for hue *h* = lab*h = 271/360 = 0.754*
lab*tch* and *lab*nch

D65: hue B
LCH*Ma: 40 50 271
rgb*Ma: 0.0 0.37 1.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

MRS18; adapted (a) CIELAB data

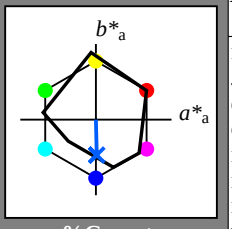
	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R$_{Ma}$	49.63	66.96	38.37	77.18	30
J$_{Ma}$	90.7	−6.36	88.75	88.98	94
G$_{Ma}$	52.11	−69.73	9.44	70.37	172
G50B$_{Ma}$	45.03	−36.57	−28.47	46.36	218
B$_{Ma}$	36.65	23.19	−63.05	67.18	290
B50R$_{Ma}$	34.94	57.17	−44.26	72.31	322
N$_{Ma}$	18.01	0.0	0.0	0.0	0
W$_{Ma}$	95.41	0.0	0.0	0.0	0
R$_{CIE}$	39.92	58.66	26.98	64.56	25
J$_{CIE}$	81.26	−2.17	67.76	67.79	92
G$_{CIE}$	52.23	−42.26	11.75	43.87	164
B$_{CIE}$	30.57	1.15	−46.84	46.87	271

1,00
0,75
0,25
0,00
n* = 0,00
n* = 0,25
n* = 0,50
n* = 1,0
blackness *n**
chromaticness *c**
0,25
0,50
0,75
1,00

Output: Colorimetric Reflective System MRS18
for hue *h* = lab*h = 271/360 = 0.754*
lab*tch* and *lab*nch

D65: hue B
LCH*Ma: 40 50 271
rgb*Ma: 0.0 0.37 1.0

triangle lightness *t**



%Gamut

u*$_{rel}$ = 91

%Regularity

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

MRS18; adapted (a) CIELAB data

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R$_{Ma}$	49.63	66.96	38.37	77.18	30
J$_{Ma}$	90.7	−6.36	88.75	88.98	94
G$_{Ma}$	52.11	−69.73	9.44	70.37	172
G50B$_{Ma}$	45.03	−36.57	−28.47	46.36	218
B$_{Ma}$	36.65	23.19	−63.05	67.18	290
B50R$_{Ma}$	34.94	57.17	−44.26	72.31	322
N$_{Ma}$	18.01	0.0	0.0	0.0	0
W$_{Ma}$	95.41	0.0	0.0	0.0	0
R$_{CIE}$	39.92	58.66	26.98	64.56	25
J$_{CIE}$	81.26	−2.17	67.76	67.79	92
G$_{CIE}$	52.23	−42.26	11.75	43.87	164
B$_{CIE}$	30.57	1.15	−46.84	46.87	271

1,00
0,75
0,25
0,00
n* = 0,00
n* = 0,25
n* = 0,50
n* = 1,0
blackness *n**
chromaticness *c**
0,25
0,50
0,75
1,00

TE540−7, 5 step scales for constant CIELAB hue 271/360 = 0.754 (left)

5 step scales for constant CIELAB hue 271/360 = 0.754 (right)

BAM-test chart TE54; Colorimetric systems ORS18 & ORS18
D65: 2 coordinate data of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *Startup (S) data dependend*