Input: Colorimetric Offset Reflective System ORS18

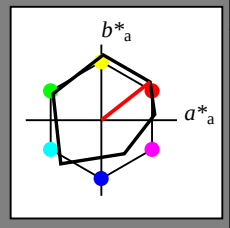
for hue *h = *lab*h* = 38/360 = 0.106**

lab*tch* and *lab*nch

A: hue O

LCH*Ma: 48 82 38

olv*Ma: 1.0 0.0 0.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	64.42	50.58	81.9	38
Y_{Ma}	92.62	2.41	86.36	86.39	88
L_{Ma}	50.9	−63.82	35.02	72.81	151
C_{Ma}	51.25	−53.68	−57.69	78.82	227
V_{Ma}	25.72	30.34	−44.37	53.76	304
M_{Ma}	56.25	70.59	7.57	70.99	6
N_{Ma}	18.11	0.0	0.0	0.0	0
W_{Ma}	95.6	0.0	0.0	0.0	0
R_{CIE}	47.79	60.85	41.08	73.41	34
J_{CIE}	83.82	6.52	66.9	67.22	84
G_{CIE}	49.0	−36.83	2.78	36.95	176
B_{CIE}	25.14	−18.35	−56.22	59.15	252

triangle lightness *t**

%Gamut

u^*_{rel} = 96

%Regularity

$g^*_{H,rel}$ = −385

$g^*_{C,rel}$ = 62

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

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 0,75
*n** = 1,00

blackness *n**

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

chromaticness *c**

Output: Colorimetric Television Luminous System TLS00

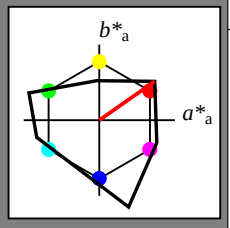
for hue *h = *lab*h* = 35/360 = 0.097**

lab*tch* and *lab*nch

A: hue O

LCH*Ma: 66 90 35

olv*Ma: 1.0 0.0 0.0



TLS00; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	65.56	73.34	51.39	89.55	35
Y_{Ma}	94.78	−3.49	52.24	52.36	94
L_{Ma}	77.48	−92.97	36.0	99.71	159
C_{Ma}	78.36	−82.69	−22.74	85.77	195
V_{Ma}	12.55	38.81	−114.81	121.2	289
M_{Ma}	66.71	76.08	−29.8	81.71	339
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	47.79	61.74	42.56	74.99	35
J_{CIE}	83.82	7.06	70.78	71.13	84
G_{CIE}	49.0	−35.95	4.34	36.22	173
B_{CIE}	25.14	−17.24	−56.24	58.84	253

triangle lightness *t**

%Gamut

u^*_{rel} = 141

%Regularity

$g^*_{H,rel}$ = 39

$g^*_{C,rel}$ = 43

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

*n**=0,00
*n**=0,20
*n**=0,40
*n**=0,60
*n**=0,80
*n**=1,00

blackness *n**

0,00 0,20 0,40 0,60 0,80 1,00

chromaticness *c**

RE900−7, 9 step scales for constant CIELAB hue 38/360 = 0.106 (left)

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

BAM-test chart RE90; Colorimetric systems ORS18 & ORS18
A: 9 and 16 step colour scales for 10 hues

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

Input: Colorimetric Offset Reflective System ORS18

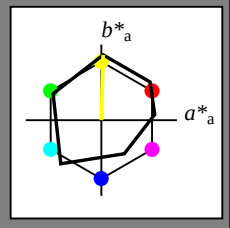
for hue *h = *lab*h* = 88/360 = 0.246**

lab*tch* and *lab*nch

A: hue Y

LCH*Ma: 93 86 88

olv*Ma: 1.0 1.0 0.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	64.42	50.58	81.9	38
Y_{Ma}	92.62	2.41	86.36	86.39	88
L_{Ma}	50.9	−63.82	35.02	72.81	151
C_{Ma}	51.25	−53.68	−57.69	78.82	227
V_{Ma}	25.72	30.34	−44.37	53.76	304
M_{Ma}	56.25	70.59	7.57	70.99	6
N_{Ma}	18.11	0.0	0.0	0.0	0
W_{Ma}	95.6	0.0	0.0	0.0	0
R_{CIE}	47.79	60.85	41.08	73.41	34
J_{CIE}	83.82	6.52	66.9	67.22	84
G_{CIE}	49.0	−36.83	2.78	36.95	176
B_{CIE}	25.14	−18.35	−56.22	59.15	252

triangle lightness *t**

%Gamut

u^*_{rel} = 96

%Regularity

$g^*_{H,rel}$ = −385

$g^*_{C,rel}$ = 62

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

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 0,75
*n** = 1,00

blackness *n**

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

chromaticness *c**

Output: Colorimetric Television Luminous System TLS00

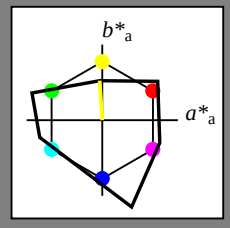
for hue *h = *lab*h* = 94/360 = 0.261**

lab*tch* and *lab*nch

A: hue Y

LCH*Ma: 95 52 94

olv*Ma: 1.0 1.0 0.0



TLS00; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	65.56	73.34	51.39	89.55	35
Y_{Ma}	94.78	−3.49	52.24	52.36	94
L_{Ma}	77.48	−92.97	36.0	99.71	159
C_{Ma}	78.36	−82.69	−22.74	85.77	195
V_{Ma}	12.55	38.81	−114.81	121.2	289
M_{Ma}	66.71	76.08	−29.8	81.71	339
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	47.79	61.74	42.56	74.99	35
J_{CIE}	83.82	7.06	70.78	71.13	84
G_{CIE}	49.0	−35.95	4.34	36.22	173
B_{CIE}	25.14	−17.24	−56.24	58.84	253

triangle lightness *t**

%Gamut

u^*_{rel} = 141

%Regularity

$g^*_{H,rel}$ = 39

$g^*_{C,rel}$ = 43

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

*n**=0,00
*n**=0,20
*n**=0,40
*n**=0,60
*n**=0,80
*n**=1,00

blackness *n**

0,00 0,20 0,40 0,60 0,80 1,00

chromaticness *c**

RE900−7, 9 step scales for constant CIELAB hue 88/360 = 0.246 (left)

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

BAM-test chart RE90; Colorimetric systems ORS18 & ORS18
A: 9 and 16 step colour scales for 10 hues

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

Input: Colorimetric Offset Reflective System ORS18

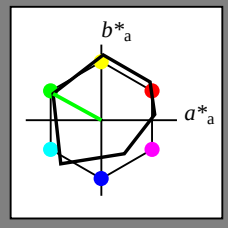
for hue *h = *lab*h* = 151/360 = 0.42**

lab*tch* and *lab*nch

A: hue L

LCH*Ma: 51 73 151

olv*Ma: 0.0 1.0 0.0



ORS18; adapted (a) CIELAB data

	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
O_{Ma}	47.94	64.42	50.58	81.9	38
Y_{Ma}	92.62	2.41	86.36	86.39	88
L_{Ma}	50.9	−63.82	35.02	72.81	151
C_{Ma}	51.25	−53.68	−57.69	78.82	227
V_{Ma}	25.72	30.34	−44.37	53.76	304
M_{Ma}	56.25	70.59	7.57	70.99	6
N_{Ma}	18.11	0.0	0.0	0.0	0
W_{Ma}	95.6	0.0	0.0	0.0	0
R_{CIE}	47.79	60.85	41.08	73.41	34
J_{CIE}	83.82	6.52	66.9	67.22	84
G_{CIE}	49.0	−36.83	2.78	36.95	176
B_{CIE}	25.14	−18.35	−56.22	59.15	252

triangle lightness *t**

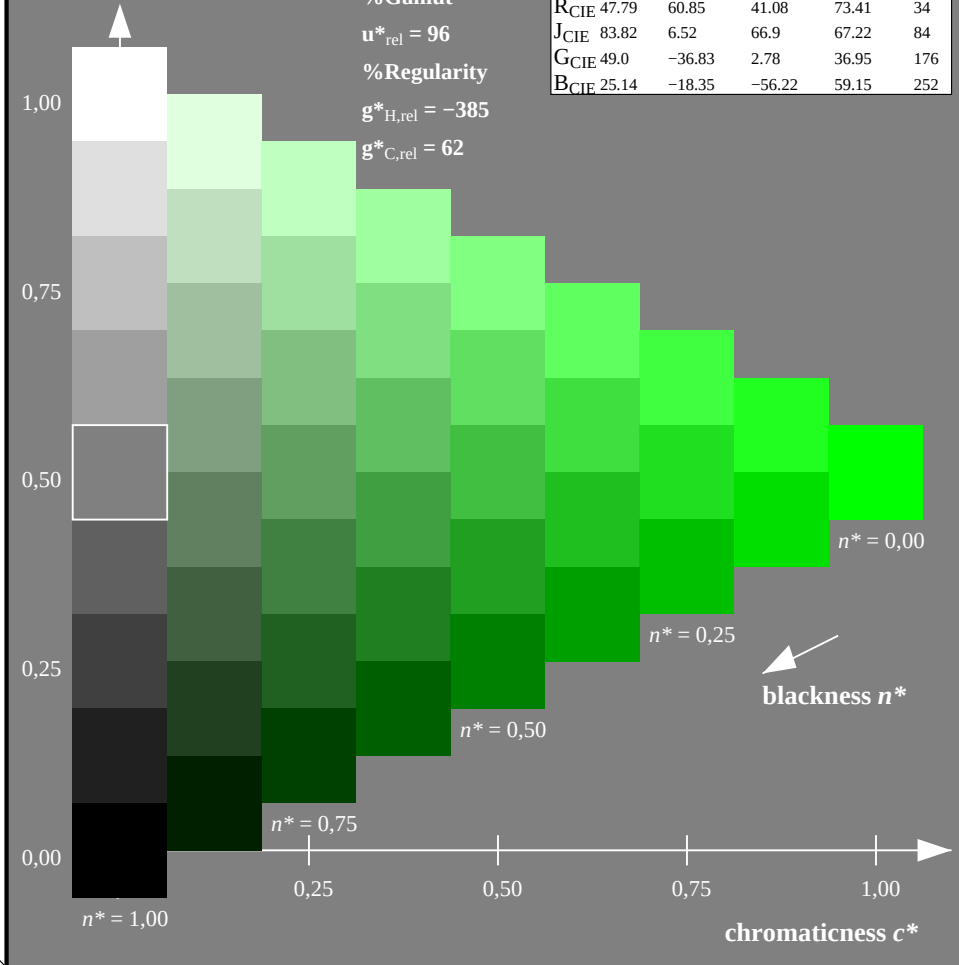
%Gamut

u*$_{rel}$ = 96

%Regularity

g*$_{H,rel}$ = −385

g*$_{C,rel}$ = 62



Output: Colorimetric Television Luminous System TLS00

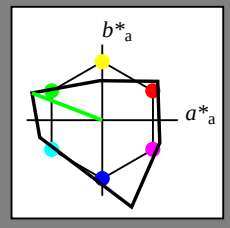
for hue *h = *lab*h* = 159/360 = 0.441**

lab*tch* and *lab*nch

A: hue L

LCH*Ma: 77 100 159

olv*Ma: 0.0 1.0 0.0



TLS00; adapted (a) CIELAB data

	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
O_{Ma}	65.56	73.34	51.39	89.55	35
Y_{Ma}	94.78	−3.49	52.24	52.36	94
L_{Ma}	77.48	−92.97	36.0	99.71	159
C_{Ma}	78.36	−82.69	−22.74	85.77	195
V_{Ma}	12.55	38.81	−114.81	121.2	289
M_{Ma}	66.71	76.08	−29.8	81.71	339
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	47.79	61.74	42.56	74.99	35
J_{CIE}	83.82	7.06	70.78	71.13	84
G_{CIE}	49.0	−35.95	4.34	36.22	173
B_{CIE}	25.14	−17.24	−56.24	58.84	253

triangle lightness *t**

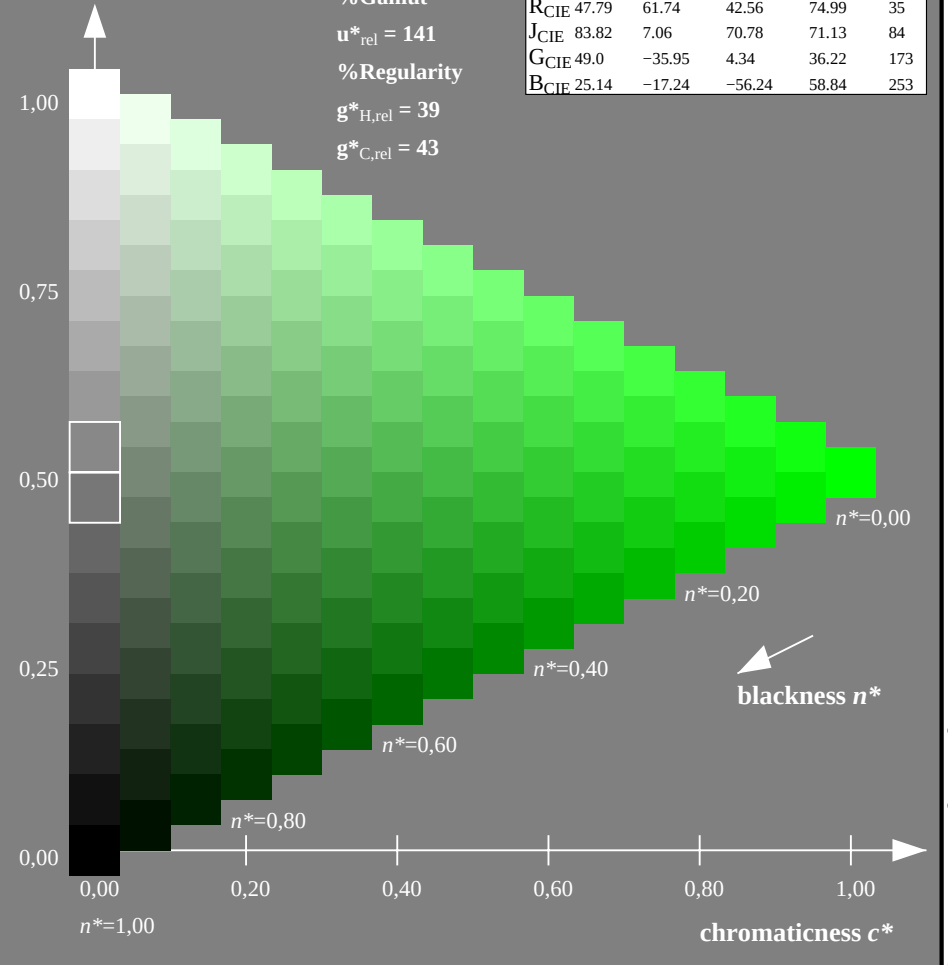
%Gamut

u*$_{rel}$ = 141

%Regularity

g*$_{H,rel}$ = 39

g*$_{C,rel}$ = 43



RE900−7, 9 step scales for constant CIELAB hue 151/360 = 0.42 (left)

16 step scales for constant CIELAB hue 159/360 = 0.441 (right)

BAM-test chart RE90; Colorimetric systems ORS18 & ORS18
A: 9 and 16 step colour scales for 10 hues

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

Input: Colorimetric Offset Reflective System ORS18

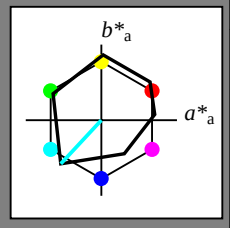
for hue *h = *lab*h* = 227/360 = 0.631**

lab*tch* and *lab*nch

A: hue C

LCH*Ma: 51 79 227

olv*Ma: 0.0 1.0 1.0



ORS18; adapted (a) CIELAB data

	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
O_{Ma}	47.94	64.42	50.58	81.9	38
Y_{Ma}	92.62	2.41	86.36	86.39	88
L_{Ma}	50.9	−63.82	35.02	72.81	151
C_{Ma}	51.25	−53.68	−57.69	78.82	227
V_{Ma}	25.72	30.34	−44.37	53.76	304
M_{Ma}	56.25	70.59	7.57	70.99	6
N_{Ma}	18.11	0.0	0.0	0.0	0
W_{Ma}	95.6	0.0	0.0	0.0	0
R_{CIE}	47.79	60.85	41.08	73.41	34
J_{CIE}	83.82	6.52	66.9	67.22	84
G_{CIE}	49.0	−36.83	2.78	36.95	176
B_{CIE}	25.14	−18.35	−56.22	59.15	252

triangle lightness *t**

%Gamut

u*rel = 96

%Regularity

g*H,rel = −385

g*C,rel = 62

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

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 0,75
*n** = 1,00

blackness *n**

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

chromaticness *c**

Output: Colorimetric Television Luminous System TLS00

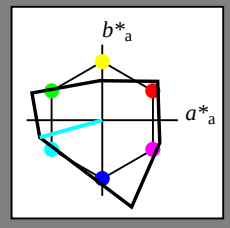
for hue *h = *lab*h* = 195/360 = 0.543**

lab*tch* and *lab*nch

A: hue C

LCH*Ma: 78 86 195

olv*Ma: 0.0 1.0 1.0



TLS00; adapted (a) CIELAB data

	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
O_{Ma}	65.56	73.34	51.39	89.55	35
Y_{Ma}	94.78	−3.49	52.24	52.36	94
L_{Ma}	77.48	−92.97	36.0	99.71	159
C_{Ma}	78.36	−82.69	−22.74	85.77	195
V_{Ma}	12.55	38.81	−114.81	121.2	289
M_{Ma}	66.71	76.08	−29.8	81.71	339
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	47.79	61.74	42.56	74.99	35
J_{CIE}	83.82	7.06	70.78	71.13	84
G_{CIE}	49.0	−35.95	4.34	36.22	173
B_{CIE}	25.14	−17.24	−56.24	58.84	253

triangle lightness *t**

%Gamut

u*rel = 141

%Regularity

g*H,rel = 39

g*C,rel = 43

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

*n**=0,00
*n**=0,20
*n**=0,40
*n**=0,60
*n**=0,80
*n**=1,00

blackness *n**

0,00 0,20 0,40 0,60 0,80 1,00

chromaticness *c**

RE900−7, 9 step scales for constant CIELAB hue 227/360 = 0.631 (left)

16 step scales for constant CIELAB hue 195/360 = 0.543 (right)

BAM-test chart RE90; Colorimetric systems ORS18 & ORS18
A: 9 and 16 step colour scales for 10 hues

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

See for similar files: http://www.ps.bam.de/RE90/
Technical information: http://www.ps.bam.de Version 2.1, io=1,1?

BAM registration: 20060101-RE90/10Q/Q90E03SP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems
/RE90/ Form: 4/10, Serie: 1/1, Page: 4 Page: count: 4

Input: Colorimetric Offset Reflective System ORS18

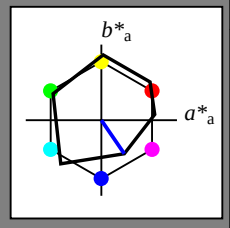
for hue *h = *lab*h* = 304/360 = 0.845**

lab*tch* and *lab*nch

A: hue V

LCH*Ma: 26 54 304

olv*Ma: 0.0 0.0 1.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	64.42	50.58	81.9	38
Y_{Ma}	92.62	2.41	86.36	86.39	88
L_{Ma}	50.9	−63.82	35.02	72.81	151
C_{Ma}	51.25	−53.68	−57.69	78.82	227
V_{Ma}	25.72	30.34	−44.37	53.76	304
M_{Ma}	56.25	70.59	7.57	70.99	6
N_{Ma}	18.11	0.0	0.0	0.0	0
W_{Ma}	95.6	0.0	0.0	0.0	0
R_{CIE}	47.79	60.85	41.08	73.41	34
J_{CIE}	83.82	6.52	66.9	67.22	84
G_{CIE}	49.0	−36.83	2.78	36.95	176
B_{CIE}	25.14	−18.35	−56.22	59.15	252

triangle lightness *t**

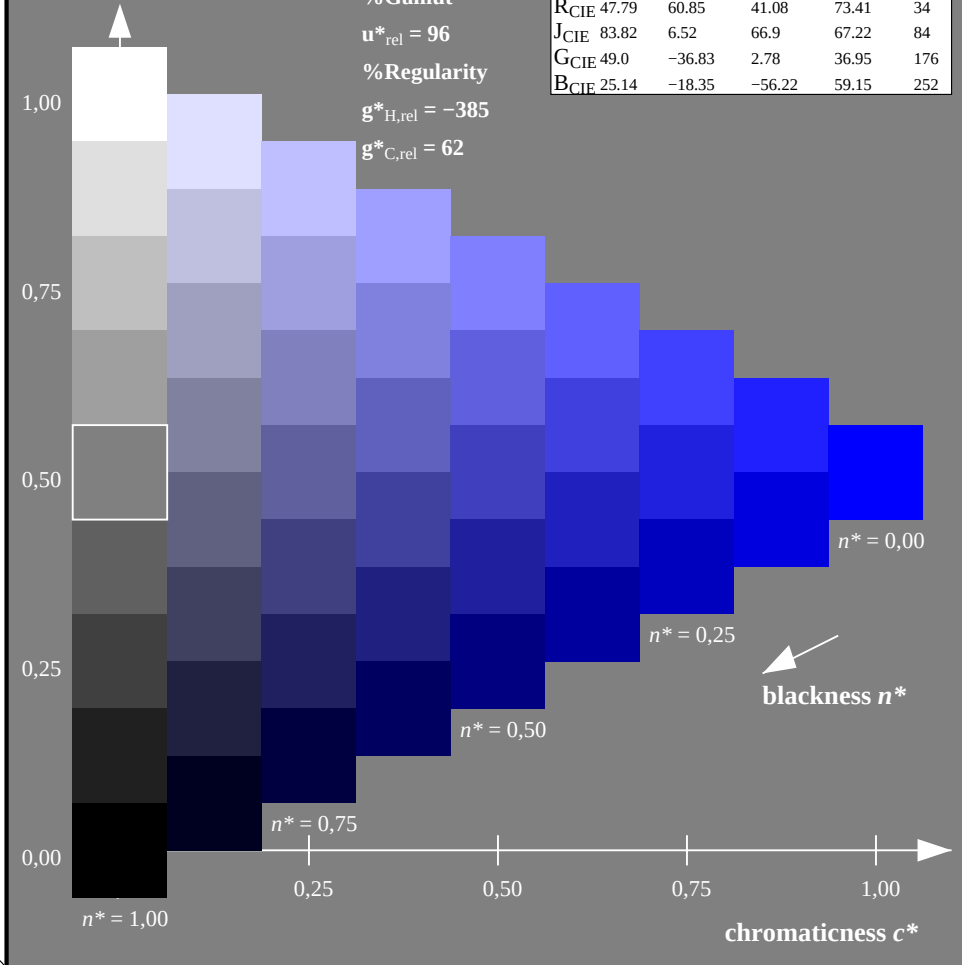
%Gamut

u^*_{rel} = 96

%Regularity

$g^*_{H,rel}$ = −385

$g^*_{C,rel}$ = 62



Output: Colorimetric Television Luminous System TLS00

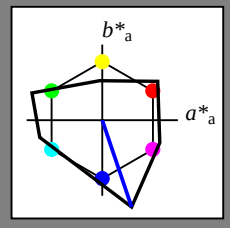
for hue *h = *lab*h* = 289/360 = 0.802**

lab*tch* and *lab*nch

A: hue V

LCH*Ma: 13 121 289

olv*Ma: 0.0 0.0 1.0



TLS00; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	65.56	73.34	51.39	89.55	35
Y_{Ma}	94.78	−3.49	52.24	52.36	94
L_{Ma}	77.48	−92.97	36.0	99.71	159
C_{Ma}	78.36	−82.69	−22.74	85.77	195
V_{Ma}	12.55	38.81	−114.81	121.2	289
M_{Ma}	66.71	76.08	−29.8	81.71	339
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	47.79	61.74	42.56	74.99	35
J_{CIE}	83.82	7.06	70.78	71.13	84
G_{CIE}	49.0	−35.95	4.34	36.22	173
B_{CIE}	25.14	−17.24	−56.24	58.84	253

triangle lightness *t**

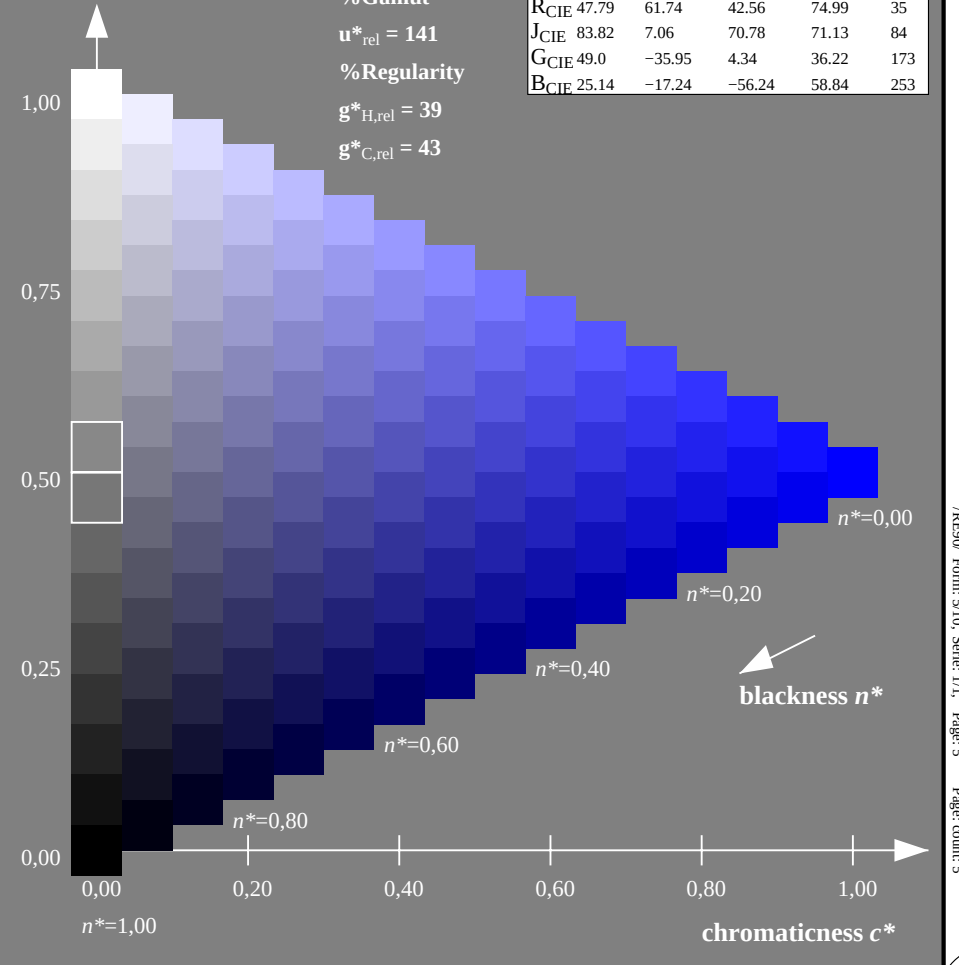
%Gamut

u^*_{rel} = 141

%Regularity

$g^*_{H,rel}$ = 39

$g^*_{C,rel}$ = 43



RE900−7, 9 step scales for constant CIELAB hue 304/360 = 0.845 (left)

16 step scales for constant CIELAB hue 289/360 = 0.802 (right)

BAM-test chart RE90; Colorimetric systems ORS18 & ORS18
A: 9 and 16 step colour scales for 10 hues

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

See for similar files: http://www.ps.bam.de/RE90/
Technical information: http://www.ps.bam.de Version 2.1, io=1,1?

BAM registration: 20060101-RE90/10Q/Q90E04SP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems
/RE90/ Form: 5/10, Serie: 1/1, Page: 5 Page: count: 5

Input: Colorimetric Offset Reflective System ORS18

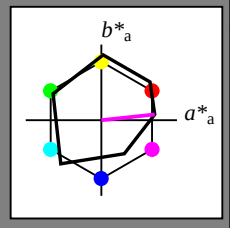
for hue *h = *lab*h* = 6/360 = 0.017**

lab*tch* and *lab*nch

A: hue M

LCH*Ma: 56 71 6

olv*Ma: 1.0 0.0 1.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	64.42	50.58	81.9	38
Y_{Ma}	92.62	2.41	86.36	86.39	88
L_{Ma}	50.9	−63.82	35.02	72.81	151
C_{Ma}	51.25	−53.68	−57.69	78.82	227
V_{Ma}	25.72	30.34	−44.37	53.76	304
M_{Ma}	56.25	70.59	7.57	70.99	6
N_{Ma}	18.11	0.0	0.0	0.0	0
W_{Ma}	95.6	0.0	0.0	0.0	0
R_{CIE}	47.79	60.85	41.08	73.41	34
J_{CIE}	83.82	6.52	66.9	67.22	84
G_{CIE}	49.0	−36.83	2.78	36.95	176
B_{CIE}	25.14	−18.35	−56.22	59.15	252

triangle lightness *t**

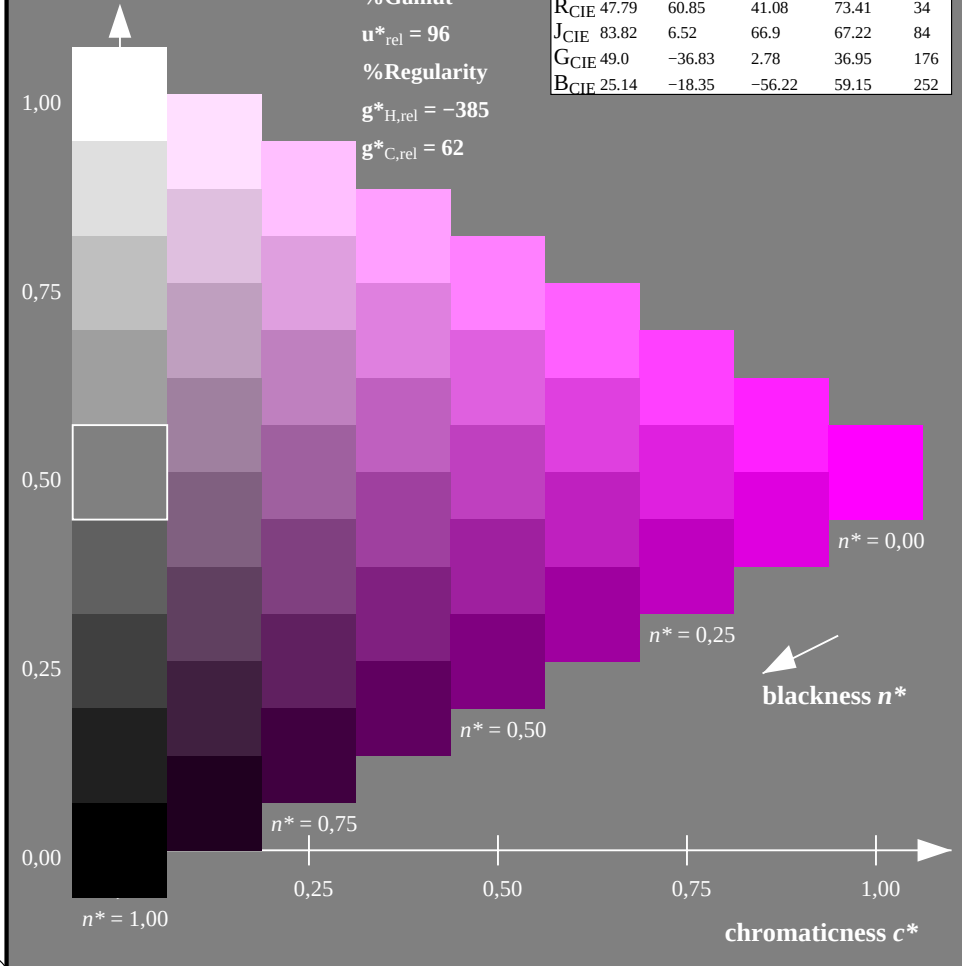
%Gamut

u^*_{rel} = 96

%Regularity

$g^*_{H,rel}$ = −385

$g^*_{C,rel}$ = 62



Output: Colorimetric Television Luminous System TLS00

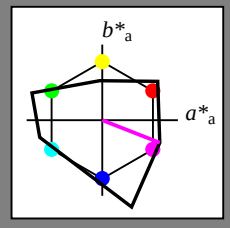
for hue *h = *lab*h* = 339/360 = 0.941**

lab*tch* and *lab*nch

A: hue M

LCH*Ma: 67 82 339

olv*Ma: 1.0 0.0 1.0



TLS00; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	65.56	73.34	51.39	89.55	35
Y_{Ma}	94.78	−3.49	52.24	52.36	94
L_{Ma}	77.48	−92.97	36.0	99.71	159
C_{Ma}	78.36	−82.69	−22.74	85.77	195
V_{Ma}	12.55	38.81	−114.81	121.2	289
M_{Ma}	66.71	76.08	−29.8	81.71	339
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	47.79	61.74	42.56	74.99	35
J_{CIE}	83.82	7.06	70.78	71.13	84
G_{CIE}	49.0	−35.95	4.34	36.22	173
B_{CIE}	25.14	−17.24	−56.24	58.84	253

triangle lightness *t**

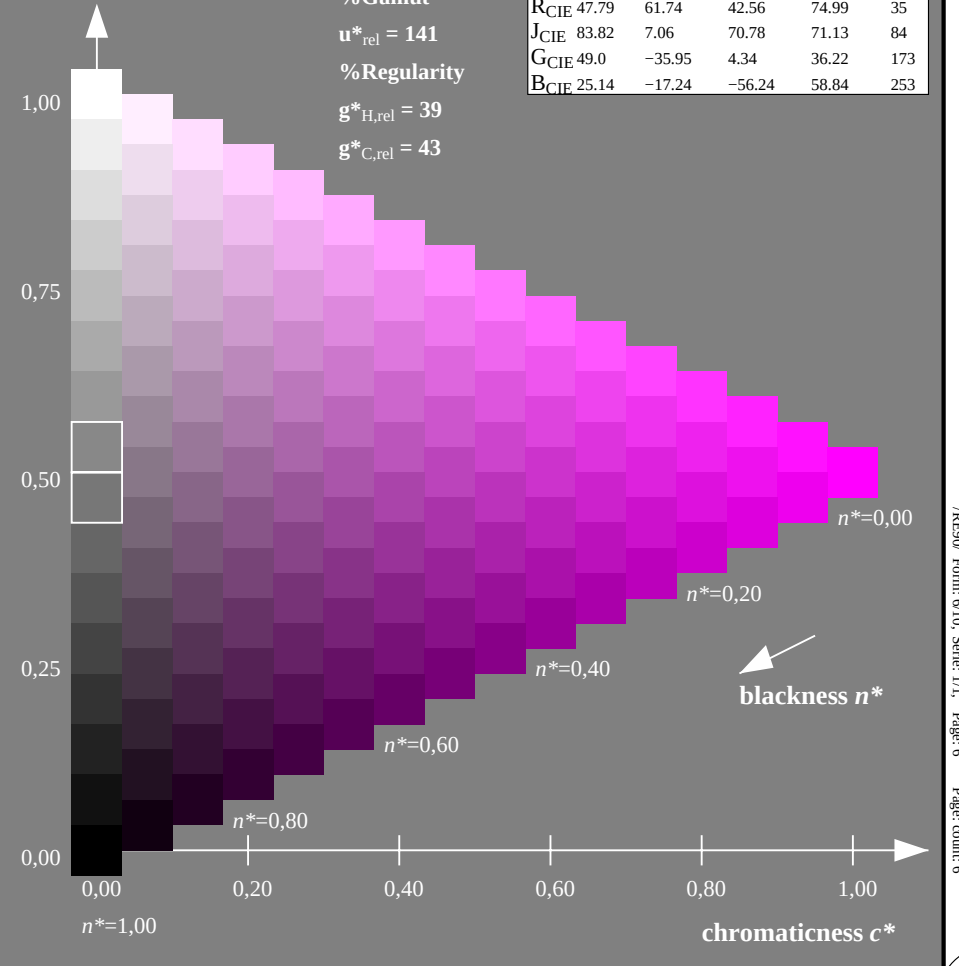
%Gamut

u^*_{rel} = 141

%Regularity

$g^*_{H,rel}$ = 39

$g^*_{C,rel}$ = 43



RE900−7, 9 step scales for constant CIELAB hue 6/360 = 0.017 (left)

16 step scales for constant CIELAB hue 339/360 = 0.941 (right)

BAM-test chart RE90; Colorimetric systems ORS18 & ORS18
A: 9 and 16 step colour scales for 10 hues

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

See for similar files: http://www.ps.bam.de/RE90/
Technical information: http://www.ps.bam.de Version 2.1, io=1,1?

BAM registration: 20060101-RE90/10Q/Q90E05SP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems
/RE90/ Form: 6/10, Serie: 1/1, Page: 6 Page: count: 6

Input: Colorimetric Offset Reflective System ORS18

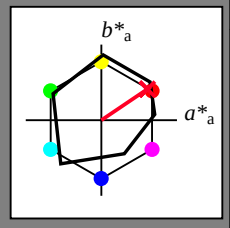
for hue *h = *lab*h* = 34/360 = 0.095**

lab*tch* and *lab*nch

A: hue R

LCH*Ma: 49 79 34

olv*Ma: 1.0 0.0 0.15



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	64.42	50.58	81.9	38
Y_{Ma}	92.62	2.41	86.36	86.39	88
L_{Ma}	50.9	−63.82	35.02	72.81	151
C_{Ma}	51.25	−53.68	−57.69	78.82	227
V_{Ma}	25.72	30.34	−44.37	53.76	304
M_{Ma}	56.25	70.59	7.57	70.99	6
N_{Ma}	18.11	0.0	0.0	0.0	0
W_{Ma}	95.6	0.0	0.0	0.0	0
R_{CIE}	47.79	60.85	41.08	73.41	34
J_{CIE}	83.82	6.52	66.9	67.22	84
G_{CIE}	49.0	−36.83	2.78	36.95	176
B_{CIE}	25.14	−18.35	−56.22	59.15	252

triangle lightness *t**

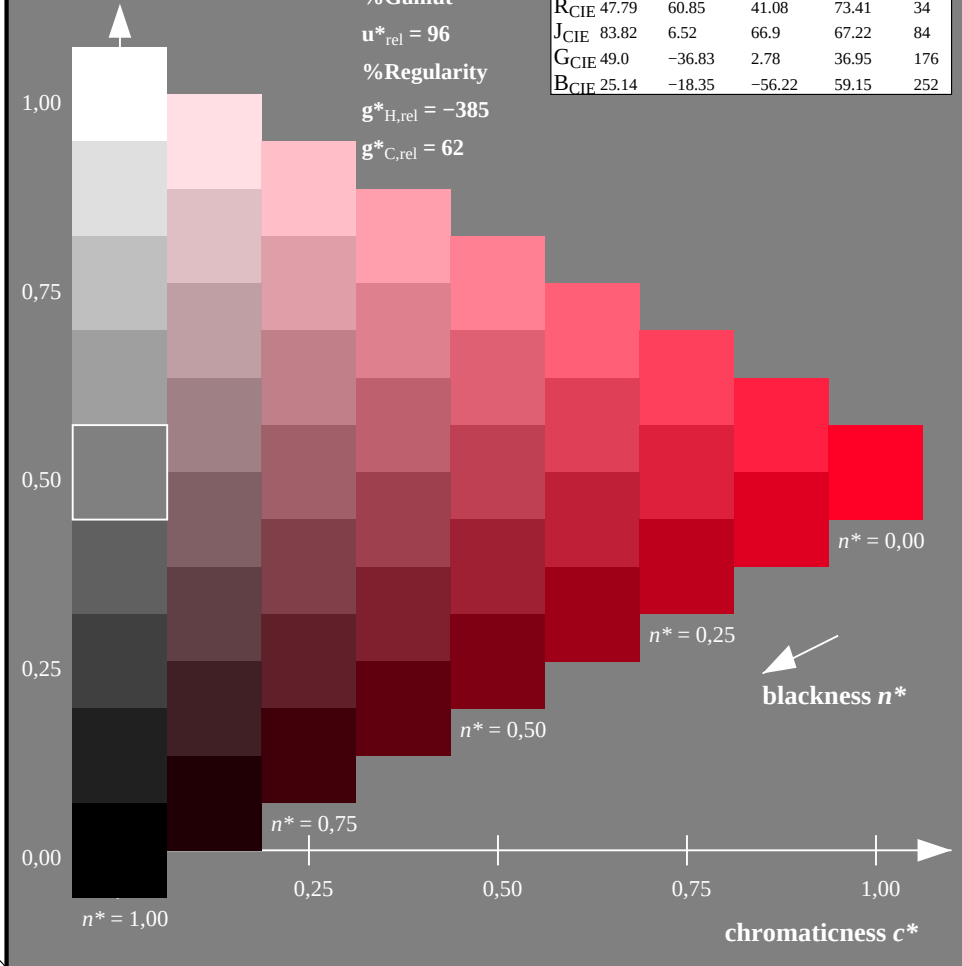
%Gamut

u^*_{rel} = 96

%Regularity

$g^*_{H,rel}$ = −385

$g^*_{C,rel}$ = 62



Output: Colorimetric Television Luminous System TLS00

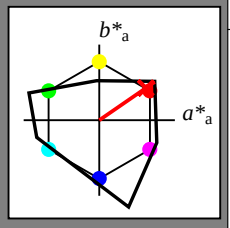
for hue *h = *lab*h* = 35/360 = 0.096**

lab*tch* and *lab*nch

A: hue R

LCH*Ma: 66 89 35

olv*Ma: 1.0 0.0 0.01



TLS00; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	65.56	73.34	51.39	89.55	35
Y_{Ma}	94.78	−3.49	52.24	52.36	94
L_{Ma}	77.48	−92.97	36.0	99.71	159
C_{Ma}	78.36	−82.69	−22.74	85.77	195
V_{Ma}	12.55	38.81	−114.81	121.2	289
M_{Ma}	66.71	76.08	−29.8	81.71	339
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	47.79	61.74	42.56	74.99	35
J_{CIE}	83.82	7.06	70.78	71.13	84
G_{CIE}	49.0	−35.95	4.34	36.22	173
B_{CIE}	25.14	−17.24	−56.24	58.84	253

triangle lightness *t**

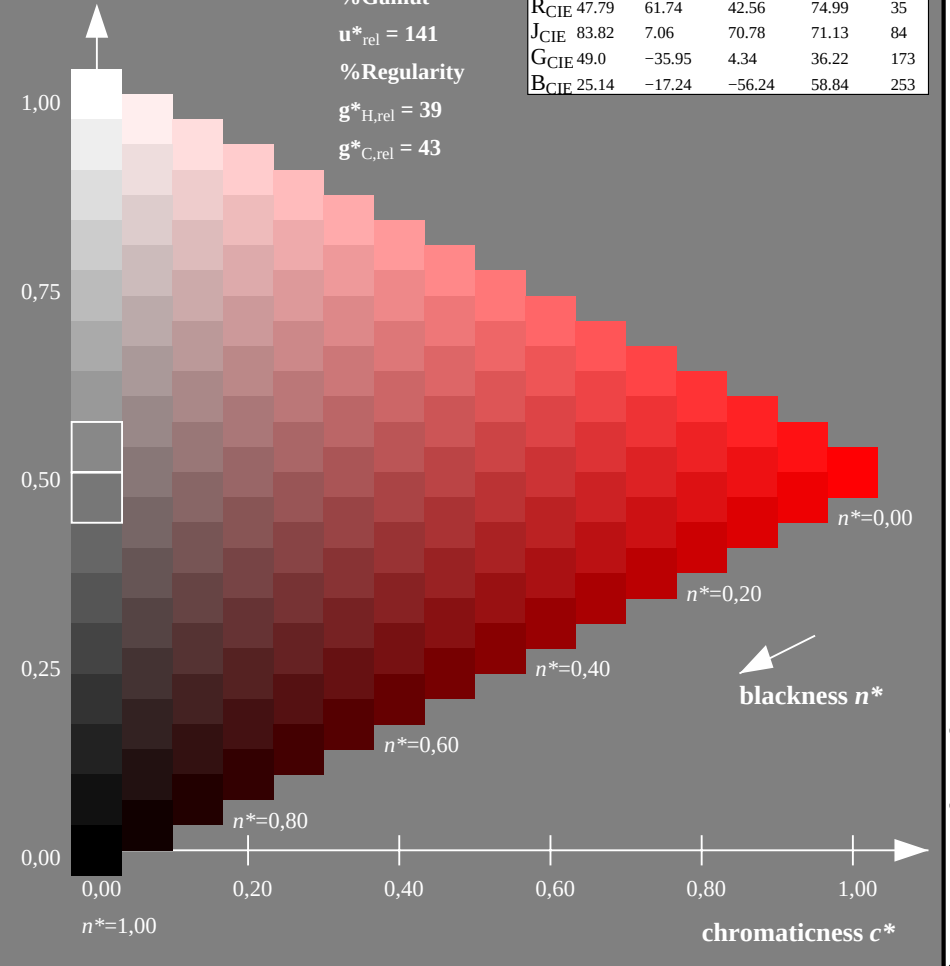
%Gamut

u^*_{rel} = 141

%Regularity

$g^*_{H,rel}$ = 39

$g^*_{C,rel}$ = 43



RE900−7, 9 step scales for constant CIELAB hue 34/360 = 0.095 (left)

16 step scales for constant CIELAB hue 35/360 = 0.096 (right)

BAM-test chart RE90; Colorimetric systems ORS18 & ORS18
A: 9 and 16 step colour scales for 10 hues

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

See for similar files: http://www.ps.bam.de/RE90/
Technical information: http://www.ps.bam.de Version 2.1, io=1,1?

BAM registration: 20060101-RE90/10Q/Q90E06SP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems
/RE90/ Form: 7/10, Serie: 1/1, Page: 7 Page: count: 7

Input: Colorimetric Offset Reflective System ORS18

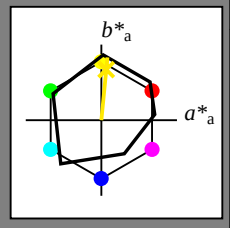
for hue *h = *lab*h* = 84/360 = 0.235**

lab*tch* and *lab*nch

A: hue J

LCH*Ma: 89 83 84

olv*Ma: 1.0 0.91 0.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	64.42	50.58	81.9	38
Y_{Ma}	92.62	2.41	86.36	86.39	88
L_{Ma}	50.9	−63.82	35.02	72.81	151
C_{Ma}	51.25	−53.68	−57.69	78.82	227
V_{Ma}	25.72	30.34	−44.37	53.76	304
M_{Ma}	56.25	70.59	7.57	70.99	6
N_{Ma}	18.11	0.0	0.0	0.0	0
W_{Ma}	95.6	0.0	0.0	0.0	0
R_{CIE}	47.79	60.85	41.08	73.41	34
J_{CIE}	83.82	6.52	66.9	67.22	84
G_{CIE}	49.0	−36.83	2.78	36.95	176
B_{CIE}	25.14	−18.35	−56.22	59.15	252

triangle lightness *t**

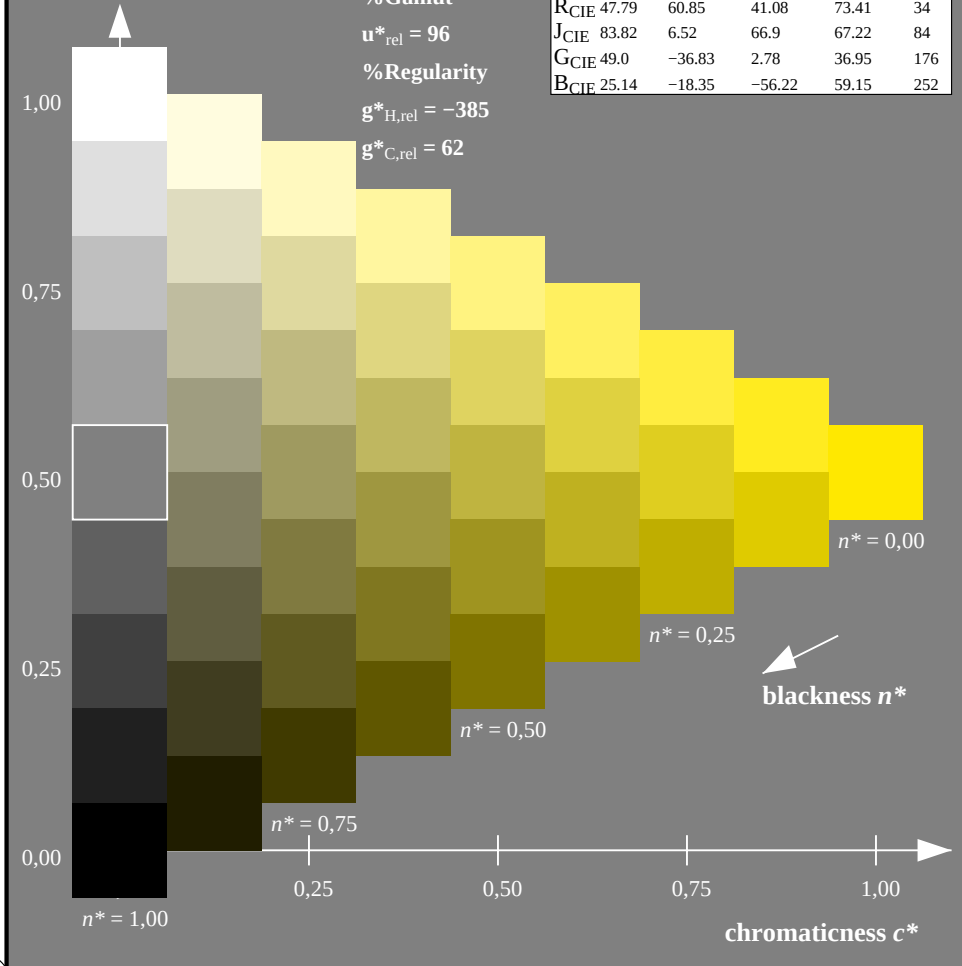
%Gamut

u^*_{rel} = 96

%Regularity

$g^*_{H,rel}$ = −385

$g^*_{C,rel}$ = 62



Output: Colorimetric Television Luminous System TLS00

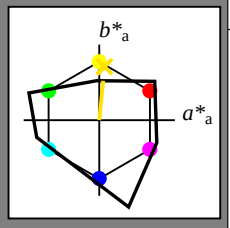
for hue *h = *lab*h* = 84/360 = 0.234**

lab*tch* and *lab*nch

A: hue J

LCH*Ma: 91 52 84

olv*Ma: 1.0 0.89 0.0



TLS00; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	65.56	73.34	51.39	89.55	35
Y_{Ma}	94.78	−3.49	52.24	52.36	94
L_{Ma}	77.48	−92.97	36.0	99.71	159
C_{Ma}	78.36	−82.69	−22.74	85.77	195
V_{Ma}	12.55	38.81	−114.81	121.2	289
M_{Ma}	66.71	76.08	−29.8	81.71	339
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	47.79	61.74	42.56	74.99	35
J_{CIE}	83.82	7.06	70.78	71.13	84
G_{CIE}	49.0	−35.95	4.34	36.22	173
B_{CIE}	25.14	−17.24	−56.24	58.84	253

triangle lightness *t**

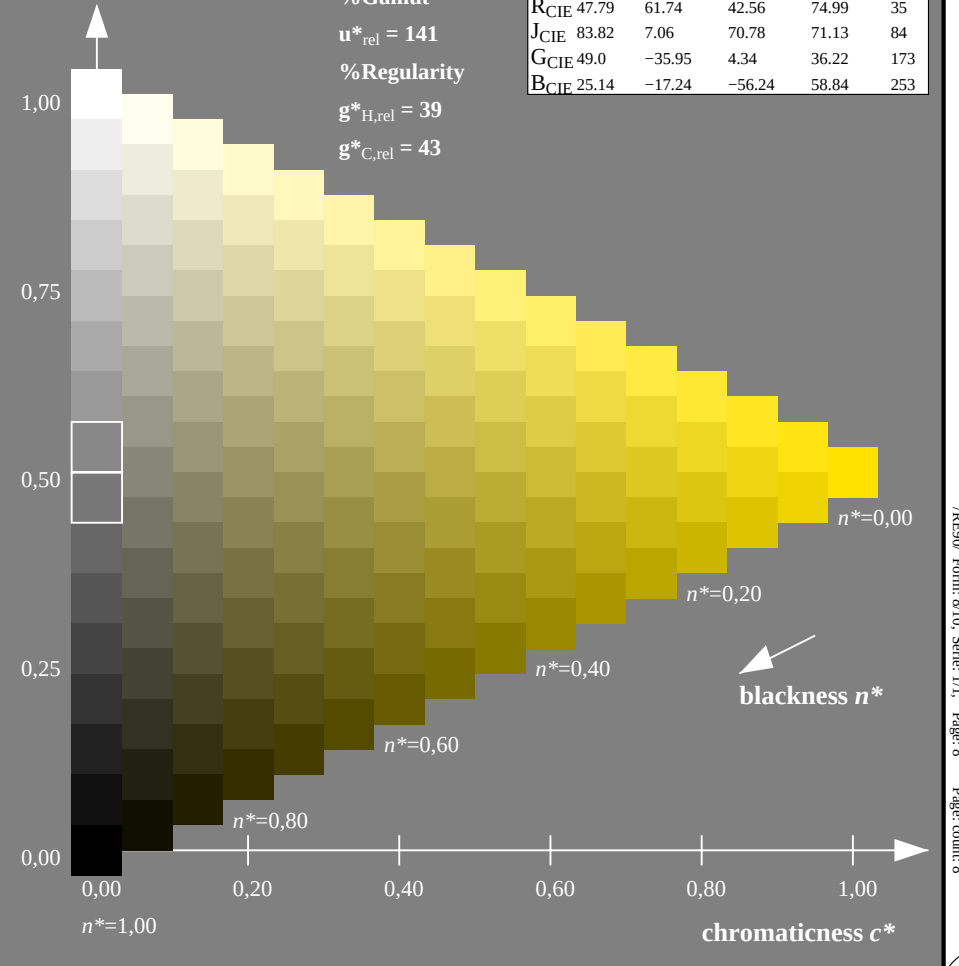
%Gamut

u^*_{rel} = 141

%Regularity

$g^*_{H,rel}$ = 39

$g^*_{C,rel}$ = 43



RE900−7, 9 step scales for constant CIELAB hue 84/360 = 0.235 (left)

16 step scales for constant CIELAB hue 84/360 = 0.234 (right)

BAM-test chart RE90; Colorimetric systems ORS18 & ORS18
A: 9 and 16 step colour scales for 10 hues

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

Input: Colorimetric Offset Reflective System ORS18

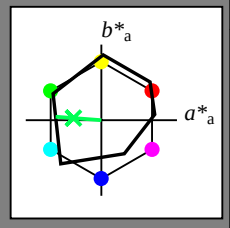
for hue *h = *lab*h* = 176/360 = 0.488**

lab*tch* and *lab*nch

A: hue G

LCH*Ma: 51 61 176

olv*Ma: 0.0 1.0 0.33



ORS18; adapted (a) CIELAB data

	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
O_{Ma}	47.94	64.42	50.58	81.9	38
Y_{Ma}	92.62	2.41	86.36	86.39	88
L_{Ma}	50.9	−63.82	35.02	72.81	151
C_{Ma}	51.25	−53.68	−57.69	78.82	227
V_{Ma}	25.72	30.34	−44.37	53.76	304
M_{Ma}	56.25	70.59	7.57	70.99	6
N_{Ma}	18.11	0.0	0.0	0.0	0
W_{Ma}	95.6	0.0	0.0	0.0	0
R_{CIE}	47.79	60.85	41.08	73.41	34
J_{CIE}	83.82	6.52	66.9	67.22	84
G_{CIE}	49.0	−36.83	2.78	36.95	176
B_{CIE}	25.14	−18.35	−56.22	59.15	252

triangle lightness *t**

%Gamut

u*$_{rel}$ = 96

%Regularity

g*$_{H,rel}$ = −385

g*$_{C,rel}$ = 62

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

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 0,75
*n** = 1,00

blackness *n**

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

chromaticness *c**

Output: Colorimetric Television Luminous System TLS00

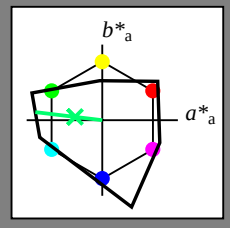
for hue *h = *lab*h* = 173/360 = 0.481**

lab*tch* and *lab*nch

A: hue G

LCH*Ma: 78 89 173

olv*Ma: 0.0 1.0 0.43



TLS00; adapted (a) CIELAB data

	*L**=*L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
O_{Ma}	65.56	73.34	51.39	89.55	35
Y_{Ma}	94.78	−3.49	52.24	52.36	94
L_{Ma}	77.48	−92.97	36.0	99.71	159
C_{Ma}	78.36	−82.69	−22.74	85.77	195
V_{Ma}	12.55	38.81	−114.81	121.2	289
M_{Ma}	66.71	76.08	−29.8	81.71	339
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	47.79	61.74	42.56	74.99	35
J_{CIE}	83.82	7.06	70.78	71.13	84
G_{CIE}	49.0	−35.95	4.34	36.22	173
B_{CIE}	25.14	−17.24	−56.24	58.84	253

triangle lightness *t**

%Gamut

u*$_{rel}$ = 141

%Regularity

g*$_{H,rel}$ = 39

g*$_{C,rel}$ = 43

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

*n**=0,00
*n**=0,20
*n**=0,40
*n**=0,60
*n**=0,80
*n**=1,00

blackness *n**

0,00 0,20 0,40 0,60 0,80 1,00

chromaticness *c**

RE900−7, 9 step scales for constant CIELAB hue 176/360 = 0.488 (left)

16 step scales for constant CIELAB hue 173/360 = 0.481 (right)

BAM-test chart RE90; Colorimetric systems ORS18 & ORS18
A: 9 and 16 step colour scales for 10 hues

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

See for similar files: http://www.ps.bam.de/RE90/
Technical information: http://www.ps.bam.de Version 2.1, io=1,1?

BAM registration: 20060101-RE90/10Q/Q90E08SP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems
/RE90/ Form: 9/10, Serie: 1/1, Page: 9 Page: count: 9

Input: Colorimetric Offset Reflective System ORS18

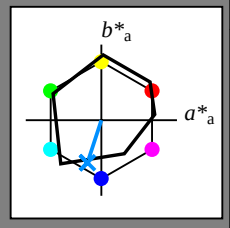
for hue *h = *lab*h* = 252/360 = 0.7**

lab*tch* and *lab*nch

A: hue B

LCH*Ma: 40 55 252

olv*Ma: 0.0 0.56 1.0



ORS18; adapted (a) CIELAB data

	L=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	47.94	64.42	50.58	81.9	38
Y_{Ma}	92.62	2.41	86.36	86.39	88
L_{Ma}	50.9	−63.82	35.02	72.81	151
C_{Ma}	51.25	−53.68	−57.69	78.82	227
V_{Ma}	25.72	30.34	−44.37	53.76	304
M_{Ma}	56.25	70.59	7.57	70.99	6
N_{Ma}	18.11	0.0	0.0	0.0	0
W_{Ma}	95.6	0.0	0.0	0.0	0
R_{CIE}	47.79	60.85	41.08	73.41	34
J_{CIE}	83.82	6.52	66.9	67.22	84
G_{CIE}	49.0	−36.83	2.78	36.95	176
B_{CIE}	25.14	−18.35	−56.22	59.15	252

triangle lightness *t**

%Gamut

u*rel = 96

%Regularity

g*H,rel = −385

g*C,rel = 62

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

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 0,75
*n** = 1,00

blackness *n**

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

chromaticness *c**

Output: Colorimetric Television Luminous System TLS00

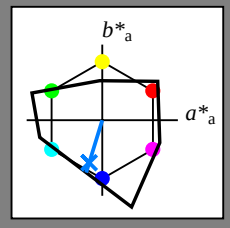
for hue *h = *lab*h* = 253/360 = 0.703**

lab*tch* and *lab*nch

A: hue B

LCH*Ma: 45 72 253

olv*Ma: 0.0 0.49 1.0



TLS00; adapted (a) CIELAB data

	L=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	65.56	73.34	51.39	89.55	35
Y_{Ma}	94.78	−3.49	52.24	52.36	94
L_{Ma}	77.48	−92.97	36.0	99.71	159
C_{Ma}	78.36	−82.69	−22.74	85.77	195
V_{Ma}	12.55	38.81	−114.81	121.2	289
M_{Ma}	66.71	76.08	−29.8	81.71	339
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	47.79	61.74	42.56	74.99	35
J_{CIE}	83.82	7.06	70.78	71.13	84
G_{CIE}	49.0	−35.95	4.34	36.22	173
B_{CIE}	25.14	−17.24	−56.24	58.84	253

triangle lightness *t**

%Gamut

u*rel = 141

%Regularity

g*H,rel = 39

g*C,rel = 43

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

*n**=0,00
*n**=0,20
*n**=0,40
*n**=0,60
*n**=0,80
*n**=1,00

blackness *n**

0,00 0,20 0,40 0,60 0,80 1,00

chromaticness *c**

RE900−7, 9 step scales for constant CIELAB hue 252/360 = 0.7 (left)

16 step scales for constant CIELAB hue 253/360 = 0.703 (right)

BAM-test chart RE90; Colorimetric systems ORS18 & ORS18
A: 9 and 16 step colour scales for 10 hues

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