

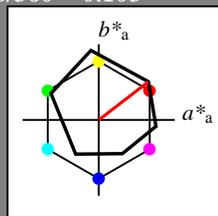
Input: Colorimetric Reflective System ORS18

for hue $h^* = lab^*h = 38/360 = 0.105$

lab^*tch and lab^*nch

D65: hue O
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

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

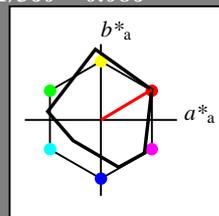
Output: Colorimetric Reflective System MRS18a

for hue $h^* = lab^*h = 31/360 = 0.086$

lab^*tch and lab^*nch

D65: hue R
LCH*Ma: 50 78 31
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



MRS18a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Gamut
 $u^*_{rel} = 92$
%Regularity
 $g^*_{H,rel} = 42$
 $g^*_{C,rel} = 49$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.01	0.0
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*tch	1.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lrj	1.0	0.0	0.0
lab*tce	1.0	0.0	-
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.5	(1.0)
cmyn3*	0.0	0.5	0.5	(0.0)
olvi4*	1.0	0.5	0.5	1.0
cmyn4*	0.0	0.5	0.5	0.0

standard and adapted CIELAB

LAB*LAB	72.52	33.43	20.01
LAB*LABa	72.52	33.39	20.01
LAB*TCHa	75.0	38.93	30.93

relative CIELAB lab*

lab*lab	0.704	0.429	0.257
lab*tch	0.75	0.5	0.086
lab*nch	0.0	0.5	0.086

relative Natural Colour (NC)

lab*lrj	0.704	0.496	0.064
lab*tce	0.75	0.5	0.02
lab*nce	0.0	0.5	r08j

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	56.71	0.05	0.0
LAB*LABa	56.71	0.0	0.0
LAB*TCHa	50.0	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*tch	0.5	0.0	-
lab*nch	0.5	0.0	-

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*tce	0.5	0.0	-
lab*nce	0.5	0.0	-

relative Inform. Technology (IT)

olvi3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	1.0	1.0	(0.0)
olvi4*	1.0	0.5	0.5	0.5
cmyn4*	0.0	0.5	0.5	0.5

standard and adapted CIELAB

LAB*LAB	33.82	33.47	20.03
LAB*LABa	33.82	33.39	20.01
LAB*TCHa	25.01	38.93	30.93

relative CIELAB lab*

lab*lab	0.204	0.429	0.257
lab*tch	0.25	0.5	0.086
lab*nch	0.5	0.5	0.086

relative Natural Colour (NC)

lab*lrj	0.204	0.496	0.064
lab*tce	0.25	0.5	0.02
lab*nce	0.5	0.5	r08j

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
cmyn3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	1.0
cmyn4*	0.0	1.0	1.0	0.0

standard and adapted CIELAB

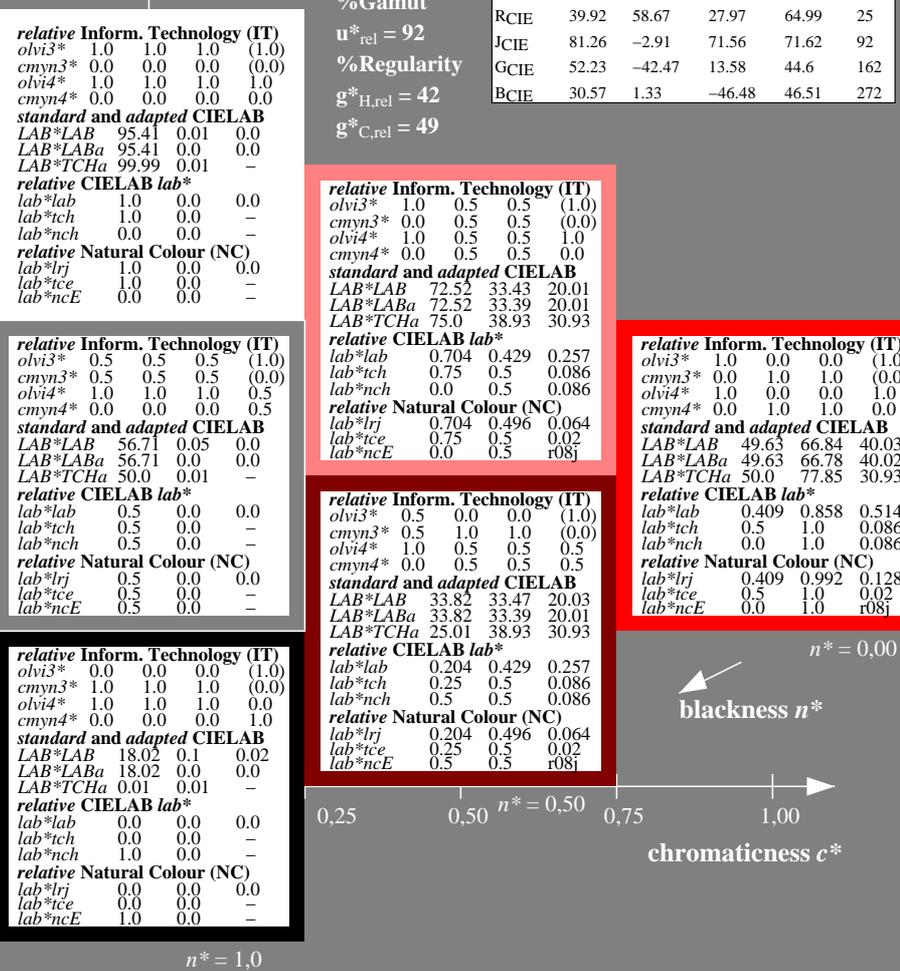
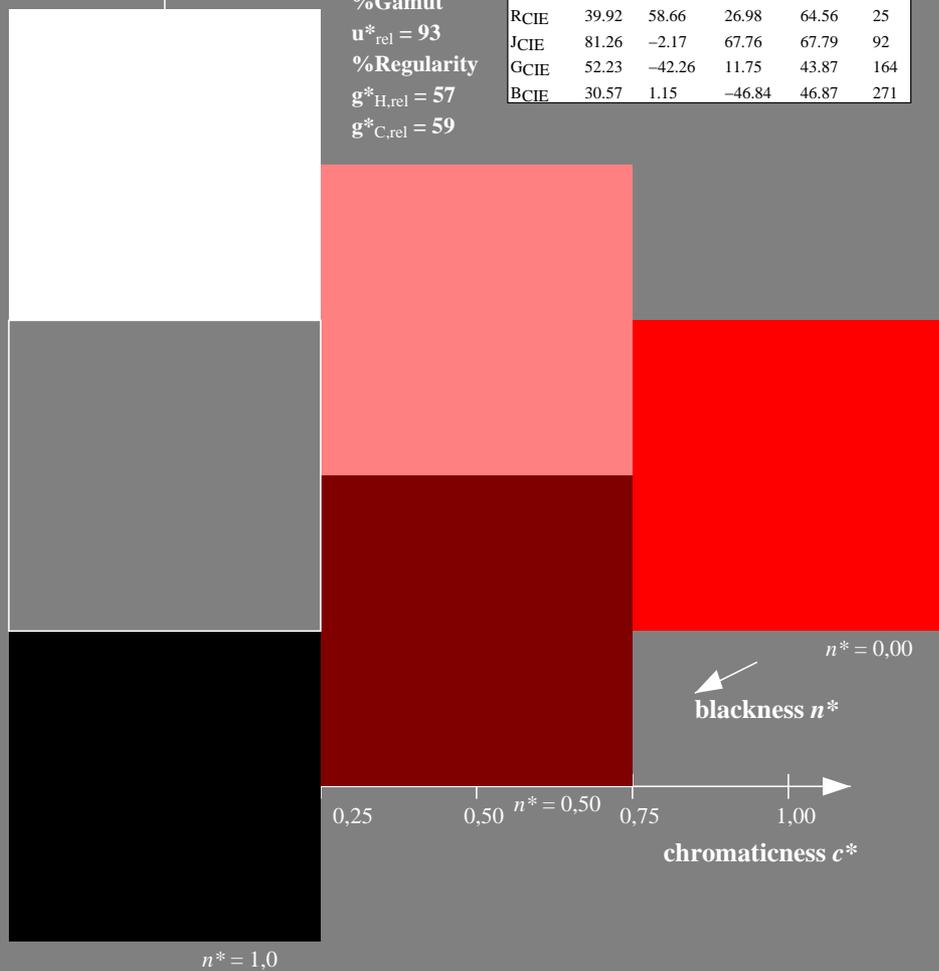
LAB*LAB	49.63	66.84	40.03
LAB*LABa	49.63	66.78	40.02
LAB*TCHa	50.0	77.85	30.93

relative CIELAB lab*

lab*lab	0.409	0.858	0.514
lab*tch	0.5	1.0	0.086
lab*nch	0.0	1.0	0.086

relative Natural Colour (NC)

lab*lrj	0.409	0.992	0.128
lab*tce	0.5	1.0	0.02
lab*nce	0.0	1.0	r08j



TE010-7, 3 step scales for constant CIELAB hue 38/360 = 0.105 (left)

3 step scales for constant CIELAB hue 31/360 = 0.086 (right)

Input: Colorimetric Reflective System ORS18

for hue $h^* = lab^*h = 96/360 = 0.268$

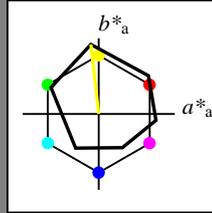
lab^*tch and lab^*nch

D65: hue Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Gamut

$u^*_{rel} = 93$

%Regularity

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

$g^*_{C,rel} = 59$

Output: Colorimetric Reflective System MRS18a

for hue $h^* = lab^*h = 94/360 = 0.262$

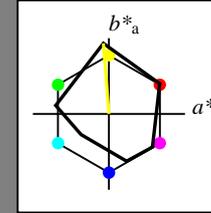
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 91 93 94

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



MRS18a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Gamut

$u^*_{rel} = 92$

%Regularity

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

relative Inform. Technology (IT)
 $olvi3^* \ 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn3^* \ 0.0 \ 0.0 \ 0.0 \ (0.0)$
 $olvi4^* \ 1.0 \ 1.0 \ 1.0 \ 1.0$
 $cmyn4^* \ 0.0 \ 0.0 \ 0.0 \ 0.0$

standard and adapted CIELAB
 $LAB^*LAB \ 95.41 \ 0.01 \ 0.0$
 $LAB^*LABa \ 95.41 \ 0.0 \ 0.0$
 $LAB^*TCHa \ 99.99 \ 0.01 \ -$

relative CIELAB lab*
 $lab^*lab \ 1.0 \ 0.0 \ 0.0$
 $lab^*tch \ 1.0 \ 0.0 \ -$
 $lab^*nch \ 0.0 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj \ 1.0 \ 0.0 \ 0.0$
 $lab^*tce \ 1.0 \ 0.0 \ -$
 $lab^*nce \ 0.0 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olvi3^* \ 0.5 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn3^* \ 0.5 \ 0.5 \ 0.5 \ (0.0)$
 $olvi4^* \ 1.0 \ 1.0 \ 1.0 \ 0.5$
 $cmyn4^* \ 0.0 \ 0.0 \ 0.0 \ 0.5$

standard and adapted CIELAB
 $LAB^*LAB \ 56.71 \ 0.05 \ 0.0$
 $LAB^*LABa \ 56.71 \ 0.0 \ 0.0$
 $LAB^*TCHa \ 50.0 \ 0.01 \ -$

relative CIELAB lab*
 $lab^*lab \ 0.5 \ 0.0 \ 0.0$
 $lab^*tch \ 0.5 \ 0.0 \ -$
 $lab^*nch \ 0.5 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj \ 0.5 \ 0.0 \ 0.0$
 $lab^*tce \ 0.5 \ 0.0 \ -$
 $lab^*nce \ 0.5 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olvi3^* \ 0.0 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn3^* \ 1.0 \ 1.0 \ 1.0 \ (0.0)$
 $olvi4^* \ 1.0 \ 1.0 \ 1.0 \ 0.0$
 $cmyn4^* \ 0.0 \ 0.0 \ 0.0 \ 1.0$

standard and adapted CIELAB
 $LAB^*LAB \ 18.02 \ 0.1 \ 0.02$
 $LAB^*LABa \ 18.02 \ 0.0 \ 0.0$
 $LAB^*TCHa \ 0.01 \ 0.01 \ -$

relative CIELAB lab*
 $lab^*lab \ 0.0 \ 0.0 \ 0.0$
 $lab^*tch \ 0.0 \ 0.0 \ -$
 $lab^*nch \ 1.0 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj \ 0.0 \ 0.0 \ 0.0$
 $lab^*tce \ 0.0 \ 0.0 \ -$
 $lab^*nce \ 1.0 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olvi3^* \ 1.0 \ 1.0 \ 0.5 \ (1.0)$
 $cmyn3^* \ 0.0 \ 0.0 \ 0.5 \ (0.0)$
 $olvi4^* \ 1.0 \ 1.0 \ 0.5 \ 1.0$
 $cmyn4^* \ 0.0 \ 0.0 \ 0.5 \ 0.0$

standard and adapted CIELAB
 $LAB^*LAB \ 93.05 \ -3.61 \ 46.59$
 $LAB^*LABa \ 93.05 \ -3.63 \ 46.59$
 $LAB^*TCHa \ 75.0 \ 46.73 \ 94.46$

relative CIELAB lab*
 $lab^*lab \ 0.969 \ -0.038 \ 0.498$
 $lab^*tch \ 0.75 \ 0.5 \ 0.262$
 $lab^*nch \ 0.0 \ 0.5 \ 0.262$

relative Natural Colour (NC)
 $lab^*lrj \ 0.969 \ -0.023 \ 0.499$
 $lab^*tce \ 0.75 \ 0.5 \ 0.258$
 $lab^*nce \ 0.0 \ 0.5 \ j03g$

relative Inform. Technology (IT)
 $olvi3^* \ 0.5 \ 0.5 \ 0.0 \ (1.0)$
 $cmyn3^* \ 0.5 \ 0.5 \ 1.0 \ (0.0)$
 $olvi4^* \ 1.0 \ 1.0 \ 0.5 \ 0.5$
 $cmyn4^* \ 0.0 \ 0.0 \ 0.5 \ 0.5$

standard and adapted CIELAB
 $LAB^*LAB \ 54.35 \ -3.57 \ 46.6$
 $LAB^*LABa \ 54.35 \ -3.63 \ 46.59$
 $LAB^*TCHa \ 25.01 \ 46.73 \ 94.46$

relative CIELAB lab*
 $lab^*lab \ 0.47 \ -0.038 \ 0.498$
 $lab^*tch \ 0.25 \ 0.5 \ 0.262$
 $lab^*nch \ 0.5 \ 0.5 \ 0.262$

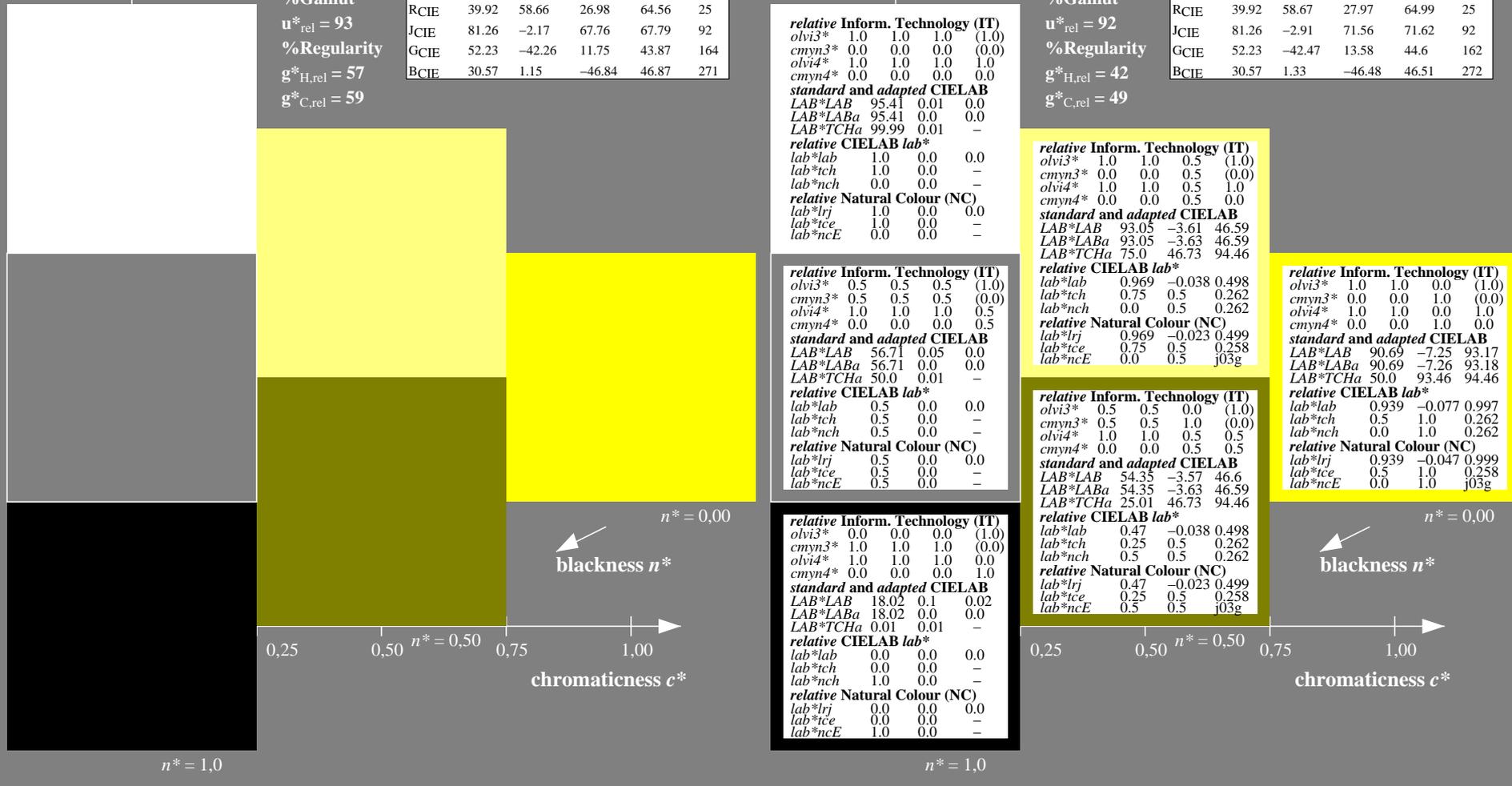
relative Natural Colour (NC)
 $lab^*lrj \ 0.47 \ -0.023 \ 0.499$
 $lab^*tce \ 0.25 \ 0.5 \ 0.258$
 $lab^*nce \ 0.5 \ 0.5 \ j03g$

relative Inform. Technology (IT)
 $olvi3^* \ 1.0 \ 1.0 \ 0.0 \ (1.0)$
 $cmyn3^* \ 0.0 \ 0.0 \ 1.0 \ (0.0)$
 $olvi4^* \ 1.0 \ 1.0 \ 0.0 \ 1.0$
 $cmyn4^* \ 0.0 \ 0.0 \ 1.0 \ 0.0$

standard and adapted CIELAB
 $LAB^*LAB \ 90.69 \ -7.25 \ 93.17$
 $LAB^*LABa \ 90.69 \ -7.26 \ 93.18$
 $LAB^*TCHa \ 50.0 \ 93.46 \ 94.46$

relative CIELAB lab*
 $lab^*lab \ 0.939 \ -0.077 \ 0.997$
 $lab^*tch \ 0.5 \ 1.0 \ 0.262$
 $lab^*nch \ 0.0 \ 1.0 \ 0.262$

relative Natural Colour (NC)
 $lab^*lrj \ 0.939 \ -0.047 \ 0.999$
 $lab^*tce \ 0.5 \ 1.0 \ 0.258$
 $lab^*nce \ 0.0 \ 1.0 \ j03g$



TE010-7, 3 step scales for constant CIELAB hue 96/360 = 0.268 (left)

3 step scales for constant CIELAB hue 94/360 = 0.262 (right)

BAM-test chart TE01; Colorimetric systems ORS18 & ORS18

D65: 3 step colour scales and coordinate data for 10 hues

input: $olv^* \ setrgbcolor$

output: Startup (S) data dependend

See for similar files: <http://www.ps.bam.de/TE01/>

Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1?

BAM registration: 20060101-TE01/10L/L01E01SP.PS/.PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems
 /TE01/ Form: 2/10, Serie: 1/1, Page: 2 Page count: 2

Input: Colorimetric Reflective System ORS18

for hue $h^* = lab^*h = 151/360 = 0.419$

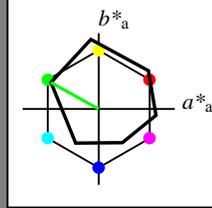
lab^*tch and lab^*nch

D65: hue L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Gamut

$u^*_{rel} = 93$

%Regularity

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

$g^*_{C,rel} = 59$

Output: Colorimetric Reflective System MRS18a

for hue $h^* = lab^*h = 171/360 = 0.475$

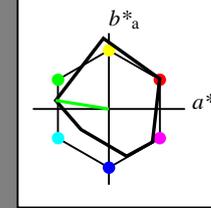
lab^*tch and lab^*nch

D65: hue G

LCH*Ma: 52 71 171

olv*Ma: 0.0 1.0 0.0

triangle lightness t^*



MRS18a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Gamut

$u^*_{rel} = 92$

%Regularity

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

relative Inform. Technology (IT)
 $olvi3^* = 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn3^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$
 $olvi4^* = 1.0 \ 1.0 \ 1.0 \ 1.0$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ 0.0$

standard and adapted CIELAB
 $LAB^*LAB = 95.41 \ 0.01 \ 0.0$
 $LAB^*LABa = 95.41 \ 0.0 \ 0.0$
 $LAB^*TCHa = 99.99 \ 0.01 \ -$

relative CIELAB lab*
 $lab^*lab = 1.0 \ 0.0 \ 0.0$
 $lab^*tch = 1.0 \ 0.0 \ -$
 $lab^*nch = 0.0 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj = 1.0 \ 0.0 \ 0.0$
 $lab^*tce = 1.0 \ 0.0 \ -$
 $lab^*nce = 0.0 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olvi3^* = 0.5 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn3^* = 0.5 \ 0.5 \ 0.5 \ (0.0)$
 $olvi4^* = 1.0 \ 1.0 \ 1.0 \ 0.5$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ 0.5$

standard and adapted CIELAB
 $LAB^*LAB = 56.71 \ 0.05 \ 0.0$
 $LAB^*LABa = 56.71 \ 0.0 \ 0.0$
 $LAB^*TCHa = 50.0 \ 0.01 \ -$

relative CIELAB lab*
 $lab^*lab = 0.5 \ 0.0 \ 0.0$
 $lab^*tch = 0.5 \ 0.0 \ -$
 $lab^*nch = 0.5 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj = 0.5 \ 0.0 \ 0.0$
 $lab^*tce = 0.5 \ 0.0 \ -$
 $lab^*nce = 0.5 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olvi3^* = 0.0 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn3^* = 1.0 \ 1.0 \ 1.0 \ (0.0)$
 $olvi4^* = 1.0 \ 1.0 \ 1.0 \ 0.0$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ 1.0$

standard and adapted CIELAB
 $LAB^*LAB = 18.02 \ 0.1 \ 0.02$
 $LAB^*LABa = 18.02 \ 0.0 \ 0.0$
 $LAB^*TCHa = 0.01 \ 0.01 \ -$

relative CIELAB lab*
 $lab^*lab = 0.0 \ 0.0 \ 0.0$
 $lab^*tch = 0.0 \ 0.0 \ -$
 $lab^*nch = 1.0 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj = 0.0 \ 0.0 \ 0.0$
 $lab^*tce = 0.0 \ 0.0 \ -$
 $lab^*nce = 1.0 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olvi3^* = 0.5 \ 1.0 \ 0.5 \ (1.0)$
 $cmyn3^* = 0.5 \ 0.0 \ 0.5 \ (0.0)$
 $olvi4^* = 0.5 \ 1.0 \ 0.5 \ 1.0$
 $cmyn4^* = 0.5 \ 0.0 \ 0.5 \ 0.0$

standard and adapted CIELAB
 $LAB^*LAB = 73.75 \ -34.92 \ 5.64$
 $LAB^*LABa = 73.75 \ -34.96 \ 5.63$
 $LAB^*TCHa = 75.0 \ 35.42 \ 170.85$

relative CIELAB lab*
 $lab^*lab = 0.72 \ -0.493 \ 0.079$
 $lab^*tch = 0.75 \ 0.5 \ 0.475$
 $lab^*nch = 0.0 \ 0.5 \ 0.475$

relative Natural Colour (NC)
 $lab^*lrj = 0.72 \ -0.495 \ -0.06$
 $lab^*tce = 0.75 \ 0.5 \ 0.52$
 $lab^*nce = 0.0 \ 0.5 \ g07b$

relative Inform. Technology (IT)
 $olvi3^* = 0.0 \ 0.5 \ 0.0 \ (1.0)$
 $cmyn3^* = 1.0 \ 0.5 \ 1.0 \ (0.0)$
 $olvi4^* = 0.5 \ 1.0 \ 0.5 \ 0.5$
 $cmyn4^* = 0.5 \ 0.0 \ 0.5 \ 0.5$

standard and adapted CIELAB
 $LAB^*LAB = 35.06 \ -34.88 \ 5.65$
 $LAB^*LABa = 35.06 \ -34.96 \ 5.63$
 $LAB^*TCHa = 25.01 \ 35.42 \ 170.85$

relative CIELAB lab*
 $lab^*lab = 0.22 \ -0.493 \ 0.079$
 $lab^*tch = 0.25 \ 0.5 \ 0.475$
 $lab^*nch = 0.5 \ 0.5 \ 0.475$

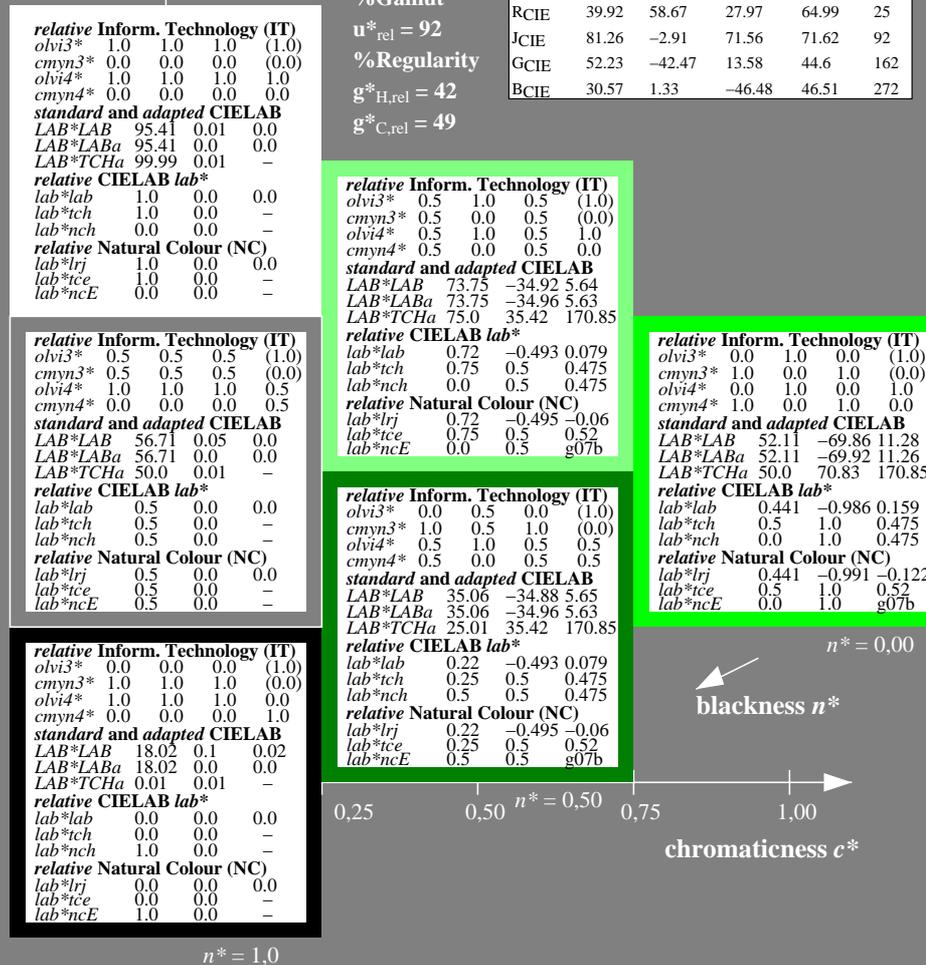
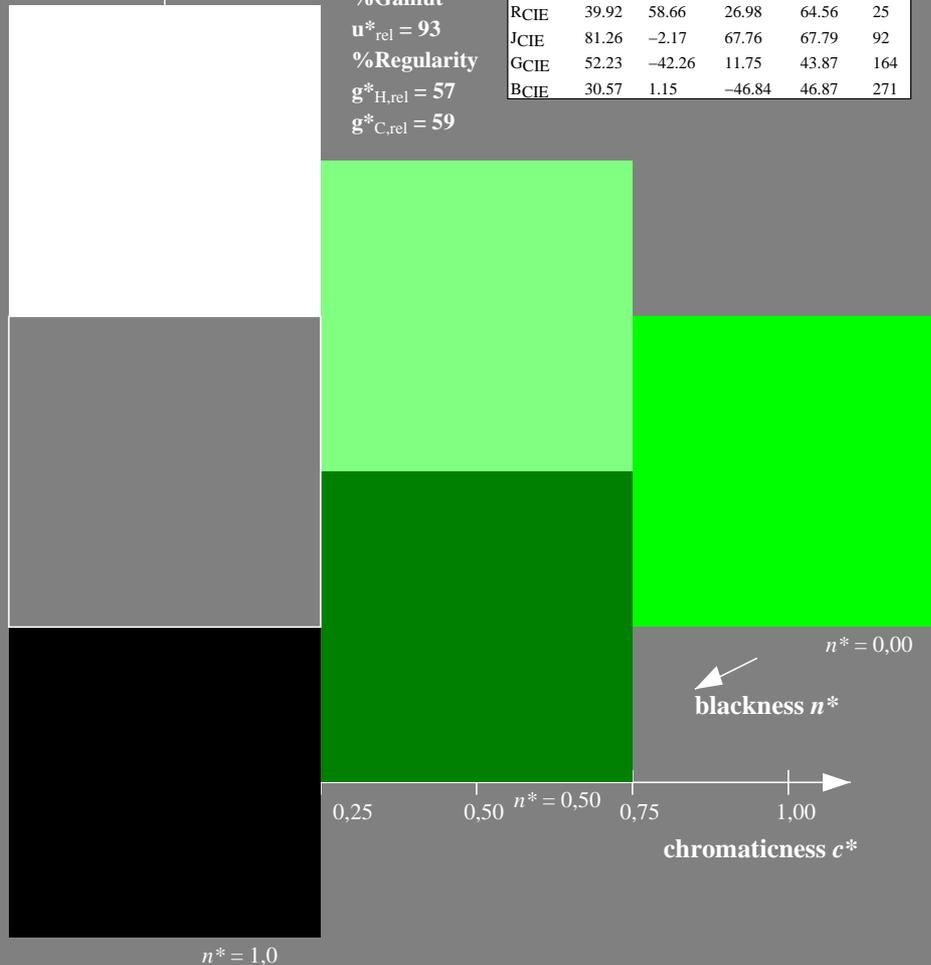
relative Natural Colour (NC)
 $lab^*lrj = 0.22 \ -0.495 \ -0.06$
 $lab^*tce = 0.25 \ 0.5 \ 0.52$
 $lab^*nce = 0.5 \ 0.5 \ g07b$

relative Inform. Technology (IT)
 $olvi3^* = 0.0 \ 1.0 \ 0.0 \ (1.0)$
 $cmyn3^* = 1.0 \ 0.0 \ 1.0 \ (0.0)$
 $olvi4^* = 0.0 \ 1.0 \ 0.0 \ 1.0$
 $cmyn4^* = 1.0 \ 0.0 \ 1.0 \ 0.0$

standard and adapted CIELAB
 $LAB^*LAB = 52.11 \ -69.86 \ 11.28$
 $LAB^*LABa = 52.11 \ -69.92 \ 11.26$
 $LAB^*TCHa = 50.0 \ 70.83 \ 170.85$

relative CIELAB lab*
 $lab^*lab = 0.441 \ -0.986 \ 0.159$
 $lab^*tch = 0.5 \ 1.0 \ 0.475$
 $lab^*nch = 0.0 \ 1.0 \ 0.475$

relative Natural Colour (NC)
 $lab^*lrj = 0.441 \ -0.991 \ -0.122$
 $lab^*tce = 0.5 \ 1.0 \ 0.52$
 $lab^*nce = 0.0 \ 1.0 \ g07b$



TE010-7, 3 step scales for constant CIELAB hue 151/360 = 0.419 (left)

3 step scales for constant CIELAB hue 171/360 = 0.475 (right)

BAM-test chart TE01; Colorimetric systems ORS18 & ORS18

D65: 3 step colour scales and coordinate data for 10 hues

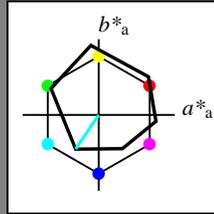
input: $olv^* setrgbcolor$

output: Startup (S) data dependend

Input: Colorimetric Reflective System ORS18

for hue $h^* = lab^*h = 236/360 = 0.656$
 lab^*tch and lab^*nch

D65: hue C
 LCH*Ma: 59 54 236
 olv*Ma: 0.0 1.0 1.0
 triangle lightness t^*



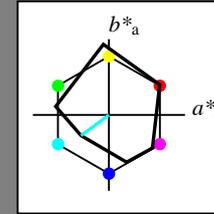
ORS18; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

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

Output: Colorimetric Reflective System MRS18a

for hue $h^* = lab^*h = 217/360 = 0.601$
 lab^*tch and lab^*nch

D65: hue G50B
 LCH*Ma: 45 46 217
 olv*Ma: 0.0 1.0 1.0
 triangle lightness t^*



MRS18a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Gamut
 $u^*_{rel} = 92$
 %Regularity
 $g^*_{H,rel} = 42$
 $g^*_{C,rel} = 49$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.01	0.0
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*tch	1.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lrj	1.0	0.0	0.0
lab*tce	1.0	0.0	-
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.5	1.0	1.0	(1.0)
cmyn3*	0.5	0.0	0.0	(0.0)
olvi4*	0.5	1.0	1.0	1.0
cmyn4*	0.5	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	70.21	-18.28	-13.55
LAB*LABa	70.21	-18.31	-13.56
LAB*TCHa	75.0	22.8	216.52

relative CIELAB lab*

lab*lab	0.674	-0.401	-0.296
lab*tch	0.75	0.5	0.601
lab*nch	0.0	0.5	0.601

relative Natural Colour (NC)

lab*lrj	0.674	-0.355	-0.35
lab*tce	0.75	0.5	0.624
lab*nce	0.0	0.5	g49b

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	56.71	0.05	0.0
LAB*LABa	56.71	0.0	0.0
LAB*TCHa	50.0	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*tch	0.5	0.0	-
lab*nch	0.5	0.0	-

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*tce	0.5	0.0	-
lab*nce	0.5	0.0	-

relative Inform. Technology (IT)

olvi3*	0.0	0.5	0.5	(1.0)
cmyn3*	1.0	0.5	0.5	(0.0)
olvi4*	0.5	1.0	1.0	0.5
cmyn4*	0.5	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	31.52	-18.23	-13.53
LAB*LABa	31.52	-18.31	-13.56
LAB*TCHa	25.01	22.8	216.52

relative CIELAB lab*

lab*lab	0.175	-0.401	-0.296
lab*tch	0.25	0.5	0.601
lab*nch	0.5	0.5	0.601

relative Natural Colour (NC)

lab*lrj	0.175	-0.355	-0.35
lab*tce	0.25	0.5	0.624
lab*nce	0.5	0.5	g49b

relative Inform. Technology (IT)

olvi3*	0.0	1.0	1.0	(1.0)
cmyn3*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	1.0	1.0	1.0
cmyn4*	1.0	0.0	0.0	0.0

standard and adapted CIELAB

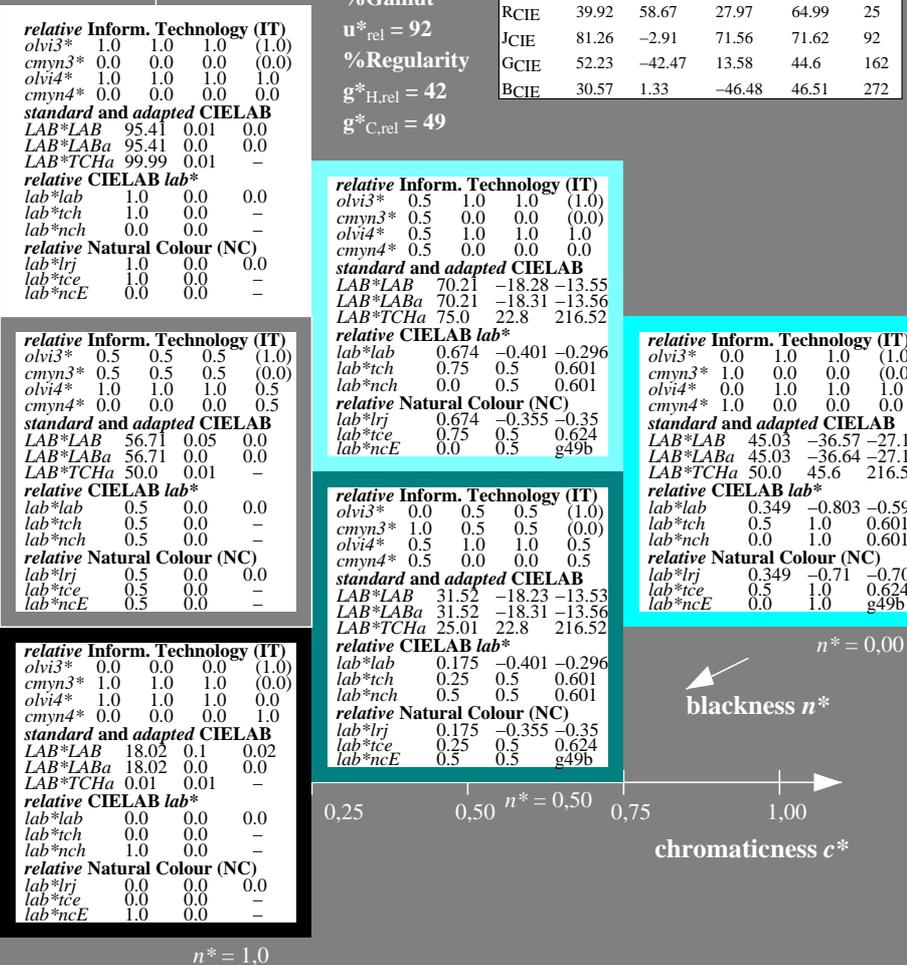
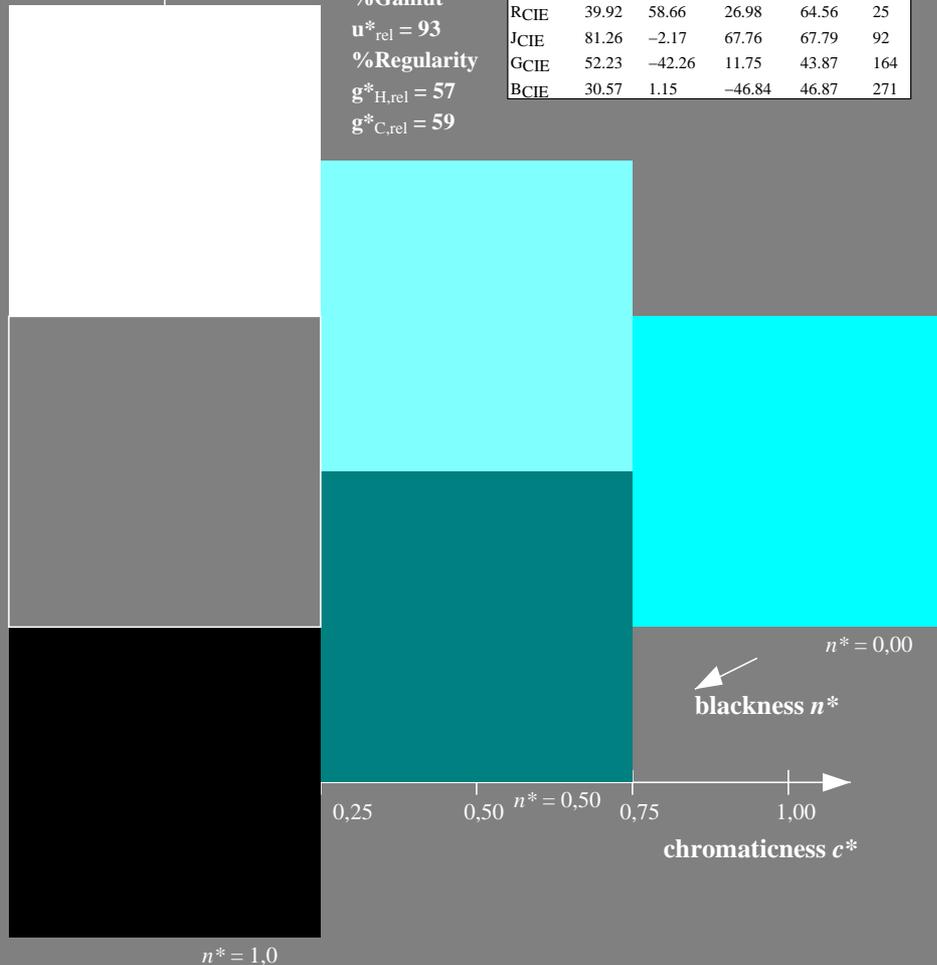
LAB*LAB	45.03	-36.57	-27.11
LAB*LABa	45.03	-36.64	-27.13
LAB*TCHa	50.0	45.6	216.52

relative CIELAB lab*

lab*lab	0.349	-0.803	-0.594
lab*tch	0.5	1.0	0.601
lab*nch	0.0	1.0	0.601

relative Natural Colour (NC)

lab*lrj	0.349	-0.71	-0.702
lab*tce	0.5	1.0	0.624
lab*nce	0.0	1.0	g49b



TE010-7, 3 step scales for constant CIELAB hue 236/360 = 0.656 (left)

3 step scales for constant CIELAB hue 217/360 = 0.601 (right)

BAM-test chart TE01; Colorimetric systems ORS18 & ORS18
 D65: 3 step colour scales and coordinate data for 10 hues

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

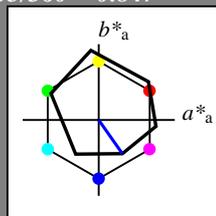
See for similar files: <http://www.ps.bam.de/TE01/>
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1?

BAM registration: 20060101-TE01/10L/L01E03SP.PS/.PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta
 /TE01/ Form: 4/10, Serie: 1/1, Page: 4
 Page count: 4

Input: Colorimetric Reflective System ORS18

for hue $h^* = lab^*h = 305/360 = 0.847$
 lab^*tch and lab^*nch

D65: hue V
 LCH*Ma: 26 54 305
 olv*Ma: 0.0 0.0 1.0
 triangle lightness t^*



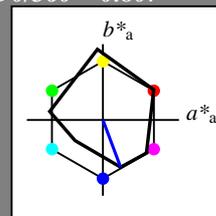
ORS18; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

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

Output: Colorimetric Reflective System MRS18a

for hue $h^* = lab^*h = 290/360 = 0.807$
 lab^*tch and lab^*nch

D65: hue B
 LCH*Ma: 37 66 290
 olv*Ma: 0.0 0.0 1.0
 triangle lightness t^*



MRS18a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Gamut
 $u^*_{rel} = 92$
 %Regularity
 $g^*_{H,rel} = 42$
 $g^*_{C,rel} = 49$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.01	0.0
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*tch	1.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lrj	1.0	0.0	0.0
lab*tce	1.0	0.0	-
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.5	0.5	1.0	(1.0)
cmyn3*	0.5	0.5	0.0	(0.0)
olvi4*	0.5	0.5	1.0	1.0
cmyn4*	0.5	0.5	0.0	0.0

standard and adapted CIELAB

LAB*LAB	66.03	11.67	-31.12
LAB*LABa	66.03	11.63	-31.13
LAB*TCHa	75.0	33.24	290.48

relative CIELAB lab*

lab*lab	0.62	0.175	-0.467
lab*tch	0.75	0.5	0.807
lab*nch	0.0	0.5	0.807

relative Natural Colour (NC)

lab*lrj	0.62	0.128	-0.482
lab*tce	0.75	0.5	0.791
lab*nce	0.0	0.5	b16r

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	56.71	0.05	0.0
LAB*LABa	56.71	0.0	0.0
LAB*TCHa	50.0	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*tch	0.5	0.0	-
lab*nch	0.5	0.0	-

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*tce	0.5	0.0	-
lab*nce	0.5	0.0	-

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.5	(1.0)
cmyn3*	1.0	1.0	0.5	(0.0)
olvi4*	0.5	0.5	1.0	0.5
cmyn4*	0.5	0.5	0.0	0.5

standard and adapted CIELAB

LAB*LAB	27.34	11.71	-31.1
LAB*LABa	27.34	11.63	-31.13
LAB*TCHa	25.01	33.24	290.48

relative CIELAB lab*

lab*lab	0.12	0.175	-0.467
lab*tch	0.25	0.5	0.807
lab*nch	0.5	0.5	0.807

relative Natural Colour (NC)

lab*lrj	0.12	0.128	-0.482
lab*tce	0.25	0.5	0.791
lab*nce	0.5	0.5	b16r

relative Inform. Technology (IT)

olvi3*	0.0	0.0	1.0	(1.0)
cmyn3*	1.0	1.0	0.0	(0.0)
olvi4*	0.0	0.0	1.0	1.0
cmyn4*	1.0	1.0	0.0	0.0

standard and adapted CIELAB

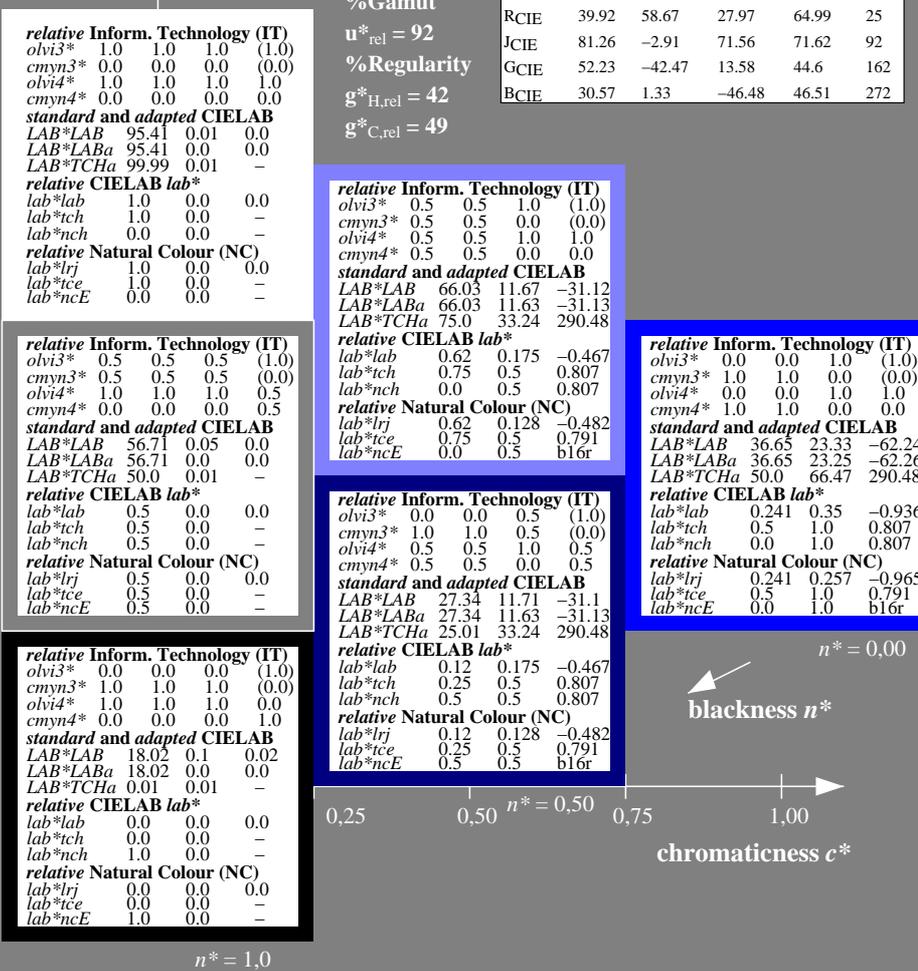
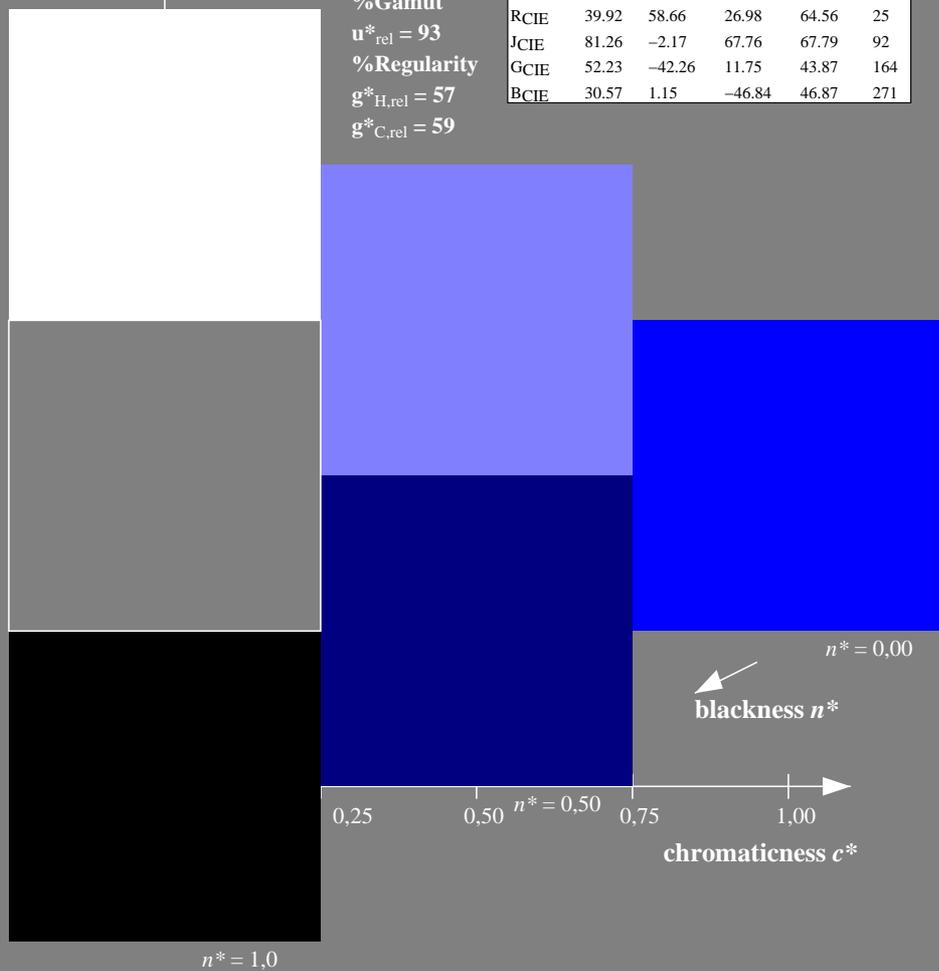
LAB*LAB	36.65	23.33	-62.24
LAB*LABa	36.65	23.25	-62.26
LAB*TCHa	50.0	66.47	290.48

relative CIELAB lab*

lab*lab	0.241	0.35	-0.936
lab*tch	0.5	1.0	0.807
lab*nch	0.0	1.0	0.807

relative Natural Colour (NC)

lab*lrj	0.241	0.257	-0.965
lab*tce	0.5	1.0	0.791
lab*nce	0.0	1.0	b16r



TE010-7, 3 step scales for constant CIELAB hue 305/360 = 0.847 (left)

3 step scales for constant CIELAB hue 290/360 = 0.807 (right)

BAM-test chart TE01; Colorimetric systems ORS18 & ORS18
 D65: 3 step colour scales and coordinate data for 10 hues

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

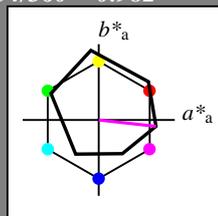
See for similar files: <http://www.ps.bam.de/TE01/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1?

BAM registration: 20060101-TE01/10L/L01E04SP.PS/.PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems
 /TE01/ Form: 5/10, Serie: 1/1, Page: 5 Page count: 5

Input: Colorimetric Reflective System ORS18

for hue $h^* = lab^*h = 354/360 = 0.982$
 lab^*tch and lab^*nch

D65: hue M
 LCH*Ma: 48 76 354
 olv*Ma: 1.0 0.0 1.0
 triangle lightness t^*



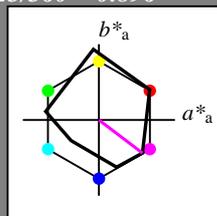
ORS18; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

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

Output: Colorimetric Reflective System MRS18a

for hue $h^* = lab^*h = 323/360 = 0.896$
 lab^*tch and lab^*nch

D65: hue B50R
 LCH*Ma: 35 72 323
 olv*Ma: 1.0 0.0 1.0
 triangle lightness t^*



MRS18a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Gamut
 $u^*_{rel} = 92$
 %Regularity
 $g^*_{H,rel} = 42$
 $g^*_{C,rel} = 49$

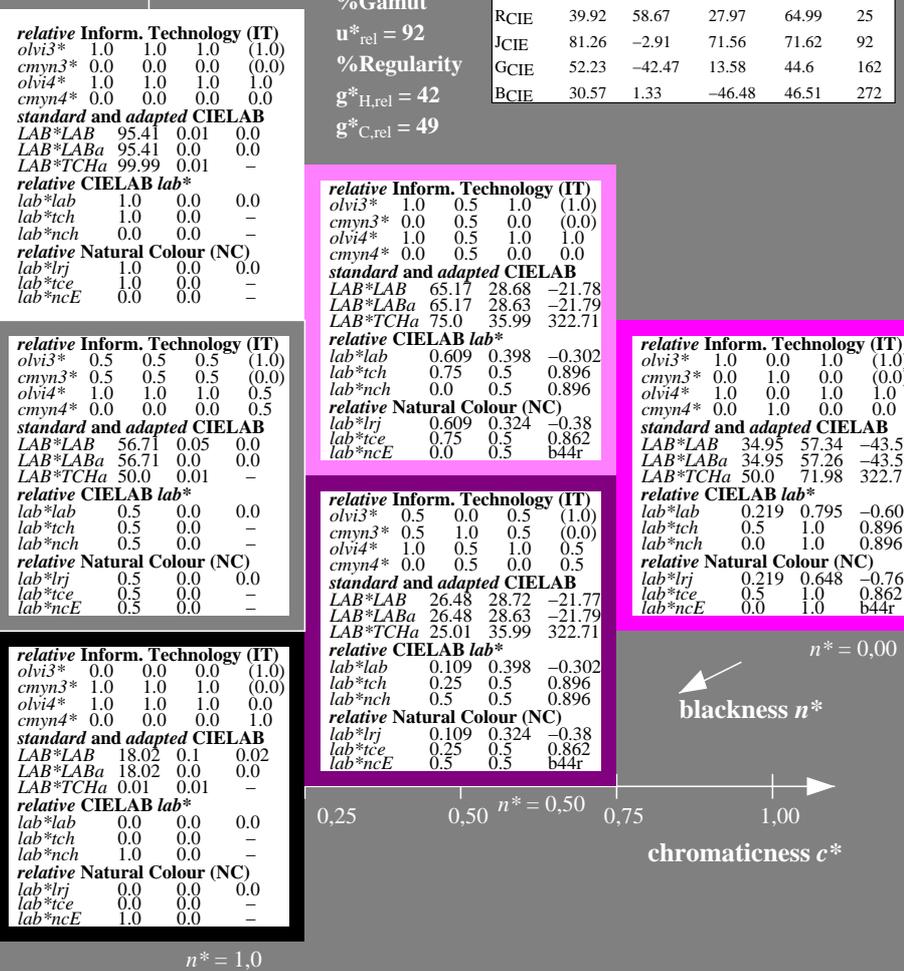
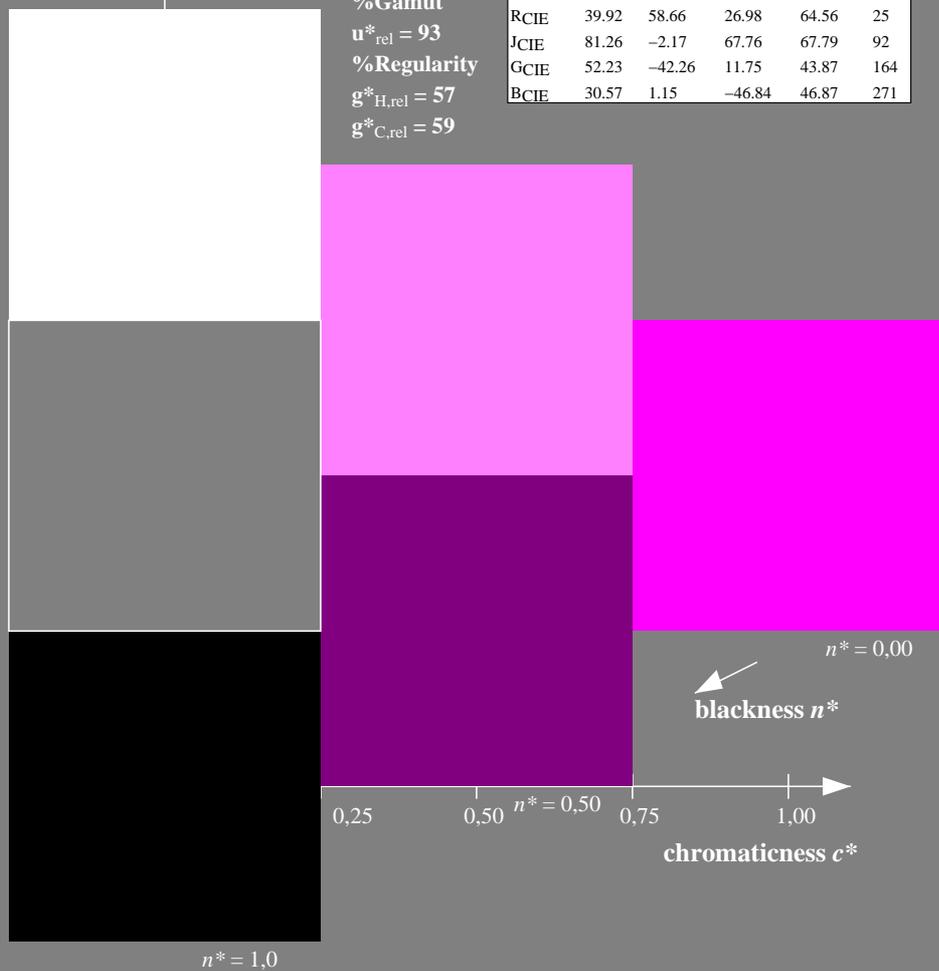
relative Inform. Technology (IT)
 $olvi3^* = 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn3^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$
 $olvi4^* = 1.0 \ 1.0 \ 1.0 \ 1.0$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ 0.0$
standard and adapted CIELAB
 $LAB^*LAB = 95.41 \ 0.01 \ 0.0$
 $LAB^*LABa = 95.41 \ 0.0 \ 0.0$
 $LAB^*TCHa = 99.99 \ 0.01 \ -$
relative CIELAB lab*
 $lab^*lab = 1.0 \ 0.0 \ 0.0$
 $lab^*tch = 1.0 \ 0.0 \ -$
 $lab^*nch = 0.0 \ 0.0 \ -$
relative Natural Colour (NC)
 $lab^*lrj = 1.0 \ 0.0 \ 0.0$
 $lab^*tce = 1.0 \ 0.0 \ -$
 $lab^*nce = 0.0 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olvi3^* = 1.0 \ 0.5 \ 1.0 \ (1.0)$
 $cmyn3^* = 0.0 \ 0.5 \ 0.0 \ (0.0)$
 $olvi4^* = 1.0 \ 0.5 \ 1.0 \ 1.0$
 $cmyn4^* = 0.0 \ 0.5 \ 0.0 \ 0.0$
standard and adapted CIELAB
 $LAB^*LAB = 65.17 \ 28.68 \ -21.78$
 $LAB^*LABa = 65.17 \ 28.63 \ -21.79$
 $LAB^*TCHa = 75.0 \ 35.99 \ 322.71$
relative CIELAB lab*
 $lab^*lab = 0.609 \ 0.398 \ -0.302$
 $lab^*tch = 0.75 \ 0.5 \ 0.896$
 $lab^*nch = 0.0 \ 0.5 \ 0.896$
relative Natural Colour (NC)
 $lab^*lrj = 0.609 \ 0.324 \ -0.38$
 $lab^*tce = 0.75 \ 0.5 \ 0.862$
 $lab^*nce = 0.0 \ 0.5 \ b44r$

relative Inform. Technology (IT)
 $olvi3^* = 0.5 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn3^* = 0.5 \ 0.5 \ 0.5 \ (0.0)$
 $olvi4^* = 1.0 \ 1.0 \ 1.0 \ 0.5$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ 0.5$
standard and adapted CIELAB
 $LAB^*LAB = 56.71 \ 0.05 \ 0.0$
 $LAB^*LABa = 56.71 \ 0.0 \ 0.0$
 $LAB^*TCHa = 50.0 \ 0.01 \ -$
relative CIELAB lab*
 $lab^*lab = 0.5 \ 0.0 \ 0.0$
 $lab^*tch = 0.5 \ 0.0 \ -$
 $lab^*nch = 0.5 \ 0.0 \ -$
relative Natural Colour (NC)
 $lab^*lrj = 0.5 \ 0.0 \ 0.0$
 $lab^*tce = 0.5 \ 0.0 \ -$
 $lab^*nce = 0.5 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olvi3^* = 0.5 \ 0.0 \ 0.5 \ (1.0)$
 $cmyn3^* = 0.5 \ 1.0 \ 0.5 \ (0.0)$
 $olvi4^* = 1.0 \ 0.5 \ 1.0 \ 0.5$
 $cmyn4^* = 0.0 \ 0.5 \ 0.0 \ 0.5$
standard and adapted CIELAB
 $LAB^*LAB = 26.48 \ 28.72 \ -21.77$
 $LAB^*LABa = 26.48 \ 28.63 \ -21.79$
 $LAB^*TCHa = 25.01 \ 35.99 \ 322.71$
relative CIELAB lab*
 $lab^*lab = 0.109 \ 0.398 \ -0.302$
 $lab^*tch = 0.25 \ 0.5 \ 0.896$
 $lab^*nch = 0.5 \ 0.5 \ 0.896$
relative Natural Colour (NC)
 $lab^*lrj = 0.109 \ 0.324 \ -0.38$
 $lab^*tce = 0.25 \ 0.5 \ 0.862$
 $lab^*nce = 0.5 \ 0.5 \ b44r$

relative Inform. Technology (IT)
 $olvi3^* = 1.0 \ 0.0 \ 1.0 \ (1.0)$
 $cmyn3^* = 0.0 \ 1.0 \ 0.0 \ (0.0)$
 $olvi4^* = 1.0 \ 0.0 \ 1.0 \ 1.0$
 $cmyn4^* = 0.0 \ 1.0 \ 0.0 \ 0.0$
standard and adapted CIELAB
 $LAB^*LAB = 34.95 \ 57.34 \ -43.57$
 $LAB^*LABa = 34.95 \ 57.26 \ -43.59$
 $LAB^*TCHa = 50.0 \ 71.98 \ 322.71$
relative CIELAB lab*
 $lab^*lab = 0.219 \ 0.795 \ -0.605$
 $lab^*tch = 0.5 \ 1.0 \ 0.896$
 $lab^*nch = 0.0 \ 1.0 \ 0.896$
relative Natural Colour (NC)
 $lab^*lrj = 0.219 \ 0.648 \ -0.761$
 $lab^*tce = 0.5 \ 1.0 \ 0.862$
 $lab^*nce = 0.0 \ 1.0 \ b44r$



TE010-7, 3 step scales for constant CIELAB hue 354/360 = 0.982 (left)

3 step scales for constant CIELAB hue 323/360 = 0.896 (right)

BAM-test chart TE01; Colorimetric systems ORS18 & ORS18
 D65: 3 step colour scales and coordinate data for 10 hues

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

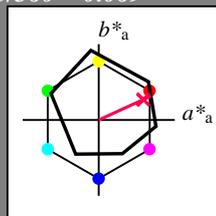
See for similar files: <http://www.ps.bam.de/TE01/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1?

BAM registration: 20060101-TE01/10L/L01E05SP.PS/.PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems
 /TE01/ Form: 6/10, Serie: 1/1, Page: 6 Page count: 6

Input: Colorimetric Reflective System ORS18

for hue $h^* = lab^*h = 25/360 = 0.069$
 lab^*tch and lab^*nch

D65: hue R
 LCH*Ma: 48 75 25
 olv*Ma: 1.0 0.0 0.32
 triangle lightness t^*



ORS18; adapted (a) CIELAB data

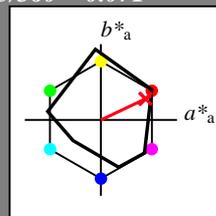
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

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

Output: Colorimetric Reflective System MRS18a

for hue $h^* = lab^*h = 25/360 = 0.071$
 lab^*tch and lab^*nch

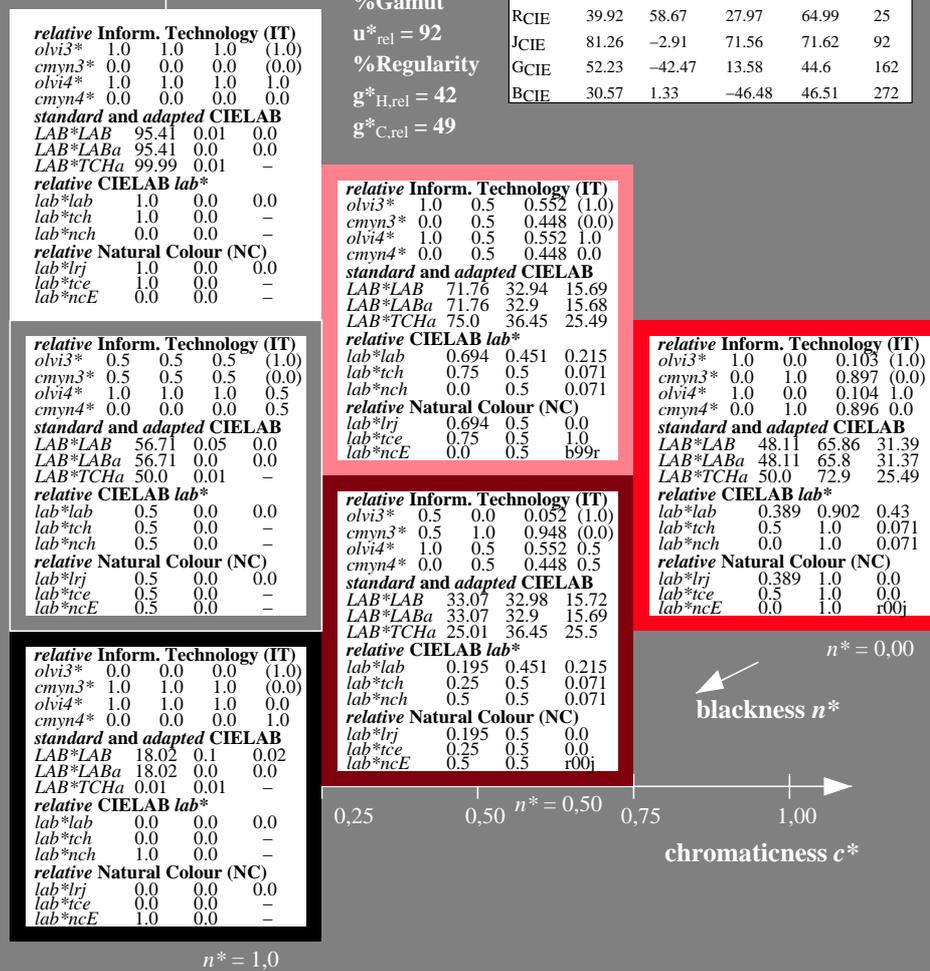
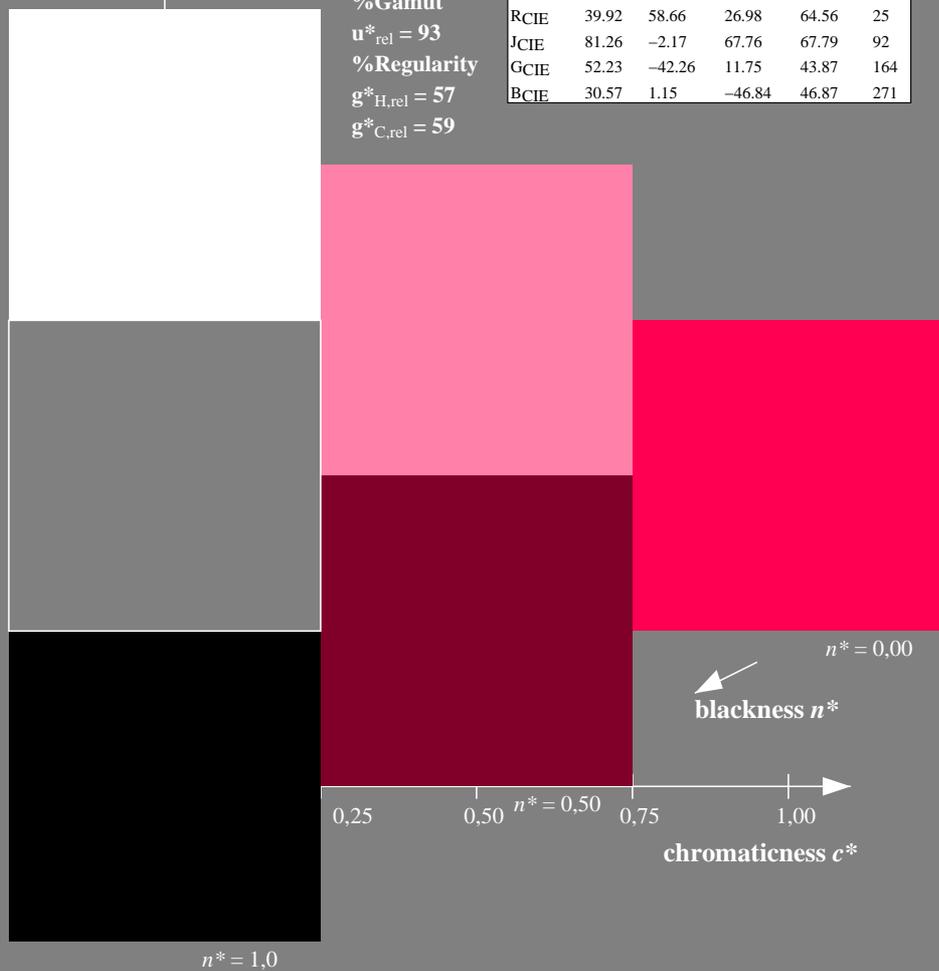
D65: hue R
 LCH*Ma: 48 73 25
 olv*Ma: 1.0 0.0 0.1
 triangle lightness t^*



MRS18a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Gamut
 $u^*_{rel} = 92$
 %Regularity
 $g^*_{H,rel} = 42$
 $g^*_{C,rel} = 49$



relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.01	0.0
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*tch	1.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lrj	1.0	0.0	0.0
lab*tce	1.0	0.0	-
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	56.71	0.05	0.0
LAB*LABa	56.71	0.0	0.0
LAB*TCHa	50.0	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*tch	0.5	0.0	-
lab*nch	0.5	0.0	-

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*tce	0.5	0.0	-
lab*nce	0.5	0.0	-

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.552	(1.0)
cmyn3*	0.0	0.5	0.448	(0.0)
olvi4*	1.0	0.5	0.552	1.0
cmyn4*	0.0	0.5	0.448	0.0

standard and adapted CIELAB

LAB*LAB	71.76	32.94	15.69
LAB*LABa	71.76	32.9	15.68
LAB*TCHa	75.0	36.45	25.49

relative CIELAB lab*

lab*lab	0.694	0.451	0.215
lab*tch	0.75	0.5	0.071
lab*nch	0.0	0.5	0.071

relative Natural Colour (NC)

lab*lrj	0.694	0.5	0.0
lab*tce	0.75	0.5	1.0
lab*nce	0.0	0.5	b99r

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.103	(1.0)
cmyn3*	0.0	1.0	0.897	(0.0)
olvi4*	1.0	0.0	0.104	1.0
cmyn4*	0.0	1.0	0.896	0.0

standard and adapted CIELAB

LAB*LAB	48.11	65.86	31.39
LAB*LABa	48.11	65.8	31.37
LAB*TCHa	50.0	72.9	25.49

relative CIELAB lab*

lab*lab	0.389	0.902	0.43
lab*tch	0.5	1.0	0.071
lab*nch	0.0	1.0	0.071

relative Natural Colour (NC)

lab*lrj	0.389	1.0	0.0
lab*tce	0.5	1.0	0.0
lab*nce	0.0	1.0	r00j

TE010-7, 3 step scales for constant CIELAB hue 25/360 = 0.069 (left)

3 step scales for constant CIELAB hue 25/360 = 0.071 (right)

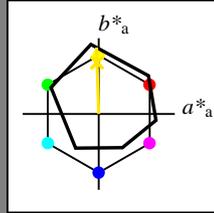
Input: Colorimetric Reflective System ORS18

for hue $h^* = lab^*h = 92/360 = 0.255$

lab^*tch and lab^*nch

D65: hue J
LCH*Ma: 86 88 92
olv*Ma: 1.0 0.9 0.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

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

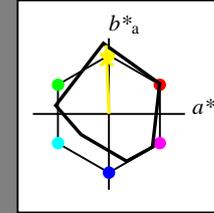
Output: Colorimetric Reflective System MRS18a

for hue $h^* = lab^*h = 92/360 = 0.256$

lab^*tch and lab^*nch

D65: hue J
LCH*Ma: 89 91 92
olv*Ma: 1.0 0.95 0.0

triangle lightness t^*



MRS18a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Gamut
 $u^*_{rel} = 92$
%Regularity
 $g^*_{H,rel} = 42$
 $g^*_{C,rel} = 49$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.01	0.0
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*tch	1.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lrj	1.0	0.0	0.0
lab*tce	1.0	0.0	-
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	1.0	0.976	0.5	(1.0)
cmyn3*	0.0	0.024	0.5	(0.0)
olvi4*	1.0	0.976	0.5	1.0
cmyn4*	0.0	0.024	0.5	0.0

standard and adapted CIELAB

LAB*LAB	92.06	-1.83	45.31
LAB*LABa	92.06	-1.84	45.31
LAB*TCHa	75.0	45.35	92.34

relative CIELAB lab*

lab*lab	0.957	-0.019	0.499
lab*tch	0.75	0.5	0.257
lab*nch	0.0	0.5	0.257

relative Natural Colour (NC)

lab*lrj	0.957	0.0	0.5
lab*tce	0.75	0.5	0.25
lab*nce	0.0	0.5	j00g

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	56.71	0.05	0.0
LAB*LABa	56.71	0.0	0.0
LAB*TCHa	50.0	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*tch	0.5	0.0	-
lab*nch	0.5	0.0	-

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*tce	0.5	0.0	-
lab*nce	0.5	0.0	-

relative Inform. Technology (IT)

olvi3*	0.5	0.476	0.0	(1.0)
cmyn3*	0.5	0.524	1.0	(0.0)
olvi4*	1.0	0.976	0.5	0.5
cmyn4*	0.0	0.024	0.5	0.5

standard and adapted CIELAB

LAB*LAB	53.36	-1.78	45.32
LAB*LABa	53.36	-1.84	45.3
LAB*TCHa	25.01	45.34	92.33

relative CIELAB lab*

lab*lab	0.457	-0.019	0.499
lab*tch	0.25	0.5	0.256
lab*nch	0.5	0.5	0.256

relative Natural Colour (NC)

lab*lrj	0.457	0.0	0.5
lab*tce	0.25	0.5	0.25
lab*nce	0.5	0.5	j99j

relative Inform. Technology (IT)

olvi3*	1.0	0.952	0.0	(1.0)
cmyn3*	0.0	0.048	1.0	(0.0)
olvi4*	1.0	0.952	0.0	1.0
cmyn4*	0.0	0.048	1.0	0.0

standard and adapted CIELAB

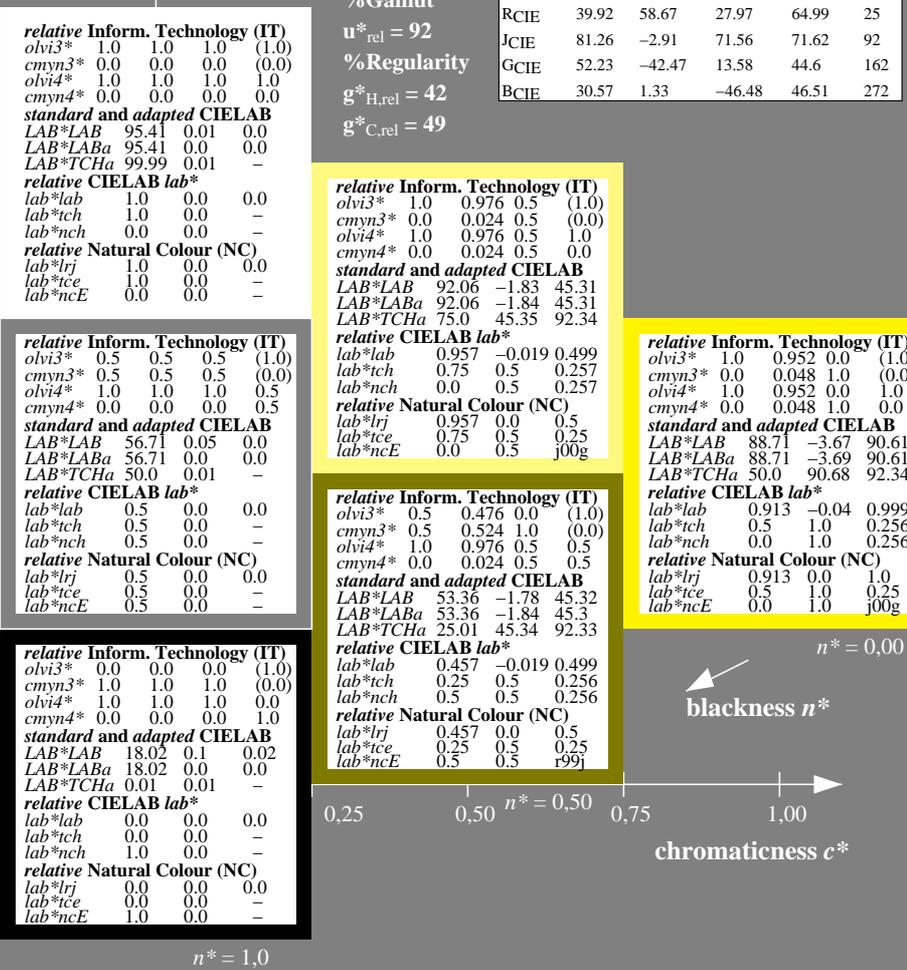
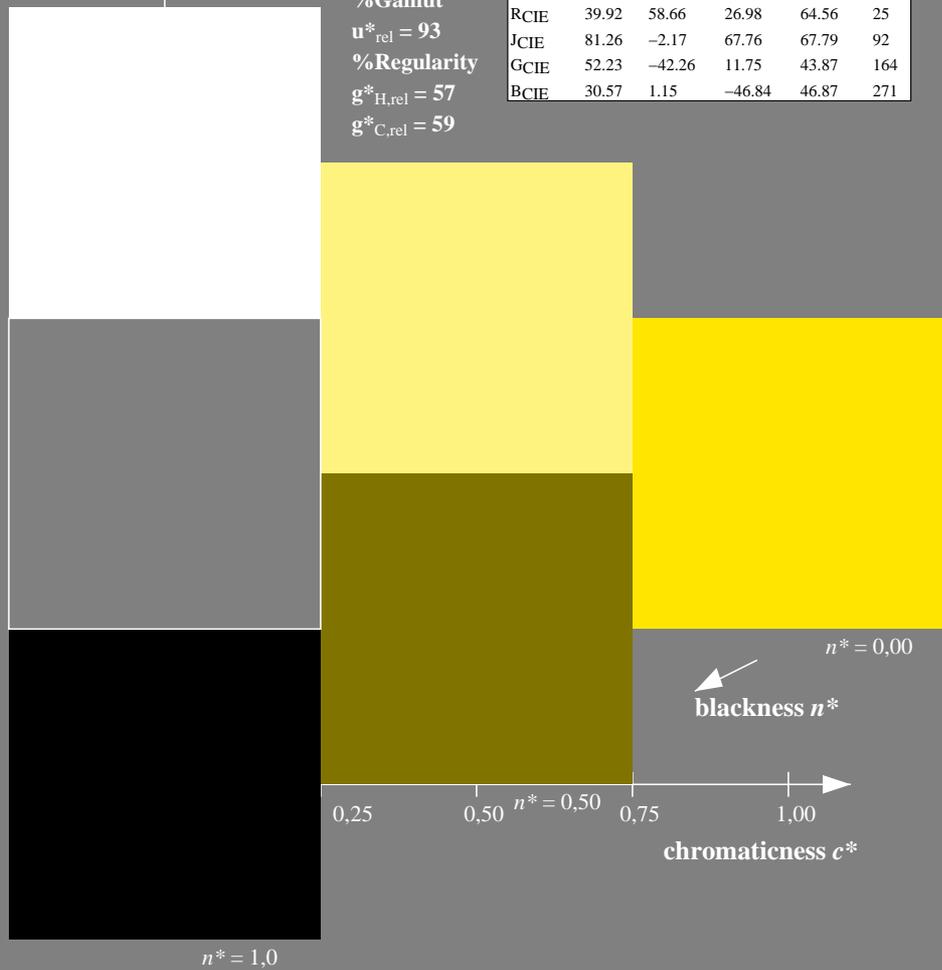
LAB*LAB	88.71	-3.67	90.61
LAB*LABa	88.71	-3.69	90.61
LAB*TCHa	50.0	90.68	92.34

relative CIELAB lab*

lab*lab	0.913	-0.04	0.999
lab*tch	0.5	1.0	0.256
lab*nch	0.0	1.0	0.256

relative Natural Colour (NC)

lab*lrj	0.913	0.0	1.0
lab*tce	0.5	1.0	0.25
lab*nce	0.0	1.0	j00g



TE010-7, 3 step scales for constant CIELAB hue 92/360 = 0.255 (left)

3 step scales for constant CIELAB hue 92/360 = 0.256 (right)

BAM-test chart TE01; Colorimetric systems ORS18 & ORS18

D65: 3 step colour scales and coordinate data for 10 hues

input: $olv^* setrgbcolor$

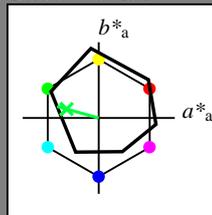
output: Startup (S) data dependend

Input: Colorimetric Reflective System ORS18

for hue $h^* = lab^*h = 164/360 = 0.457$
 lab^*tch and lab^*nch

D65: hue G
 LCH*Ma: 53 57 164
 olv*Ma: 0.0 1.0 0.25

triangle lightness t^*



ORS18; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

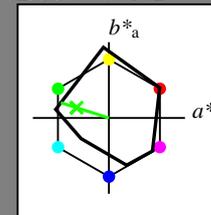
%Gamut
 $u^*_{rel} = 93$
 %Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

Output: Colorimetric Reflective System MRS18a

for hue $h^* = lab^*h = 162/360 = 0.451$
 lab^*tch and lab^*nch

D65: hue G
 LCH*Ma: 56 66 162
 olv*Ma: 0.11 1.0 0.0

triangle lightness t^*



MRS18a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Gamut
 $u^*_{rel} = 92$
 %Regularity
 $g^*_{H,rel} = 42$
 $g^*_{C,rel} = 49$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.01	0.0
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*tch	1.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lrj	1.0	0.0	0.0
lab*tce	1.0	0.0	-
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.554	1.0	0.5	(1.0)
cmyn3*	0.446	0.0	0.5	(0.0)
olvi4*	0.555	1.0	0.5	1.0
cmyn4*	0.445	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	75.86	-31.51	10.1
LAB*LABa	75.86	-31.54	10.09
LAB*TCHa	75.0	33.13	162.26

relative CIELAB lab*

lab*lab	0.747	-0.475	0.152
lab*tch	0.75	0.5	0.451
lab*nch	0.0	0.5	0.451

relative Natural Colour (NC)

lab*lrj	0.747	-0.499	0.0
lab*tce	0.75	0.5	0.5
lab*nce	0.0	0.5	0.99g

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	56.71	0.05	0.0
LAB*LABa	56.71	0.0	0.0
LAB*TCHa	50.0	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*tch	0.5	0.0	-
lab*nch	0.5	0.0	-

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*tce	0.5	0.0	-
lab*nce	0.5	0.0	-

relative Inform. Technology (IT)

olvi3*	0.054	0.5	0.0	(1.0)
cmyn3*	0.946	0.5	1.0	(0.0)
olvi4*	0.554	1.0	0.5	0.5
cmyn4*	0.446	0.0	0.5	0.5

standard and adapted CIELAB

LAB*LAB	37.16	-31.47	10.11
LAB*LABa	37.16	-31.55	10.08
LAB*TCHa	25.01	33.13	162.28

relative CIELAB lab*

lab*lab	0.247	-0.475	0.152
lab*tch	0.25	0.5	0.451
lab*nch	0.5	0.5	0.451

relative Natural Colour (NC)

lab*lrj	0.247	-0.499	0.0
lab*tce	0.25	0.5	0.5
lab*nce	0.5	0.5	g00b

relative Inform. Technology (IT)

olvi3*	0.109	1.0	0.0	(1.0)
cmyn3*	0.891	0.0	1.0	(0.0)
olvi4*	0.109	1.0	0.0	1.0
cmyn4*	0.891	0.0	1.0	0.0

standard and adapted CIELAB

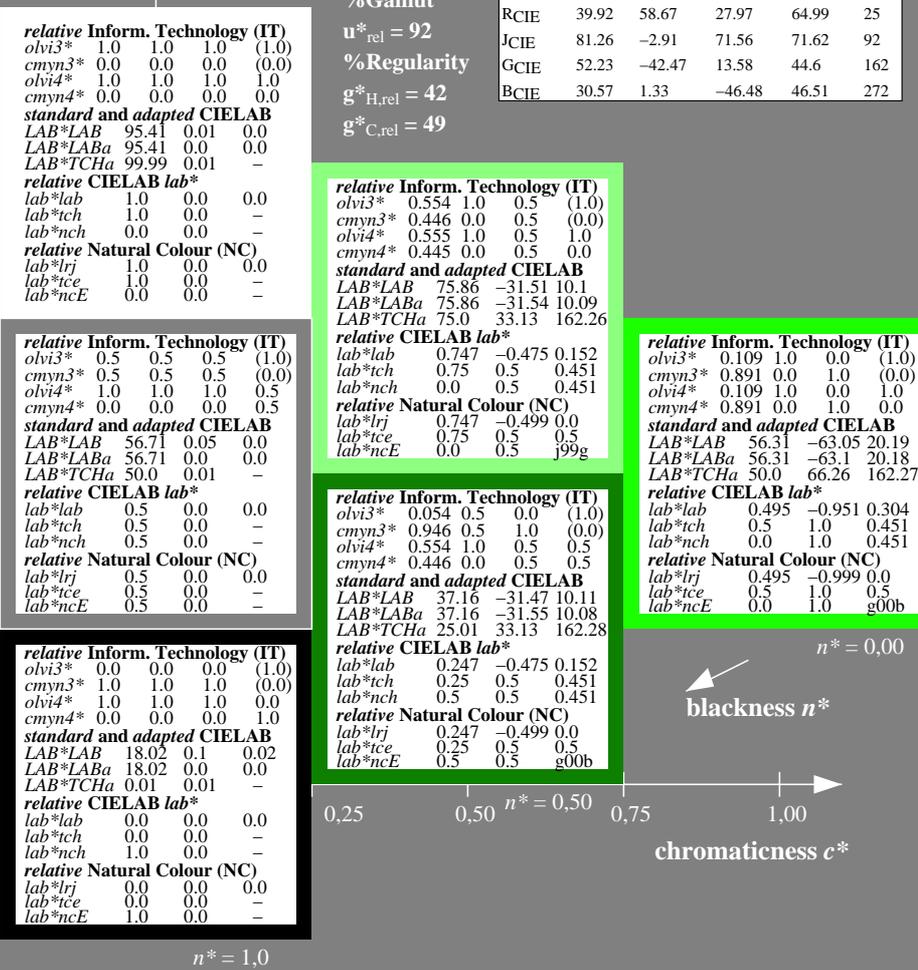
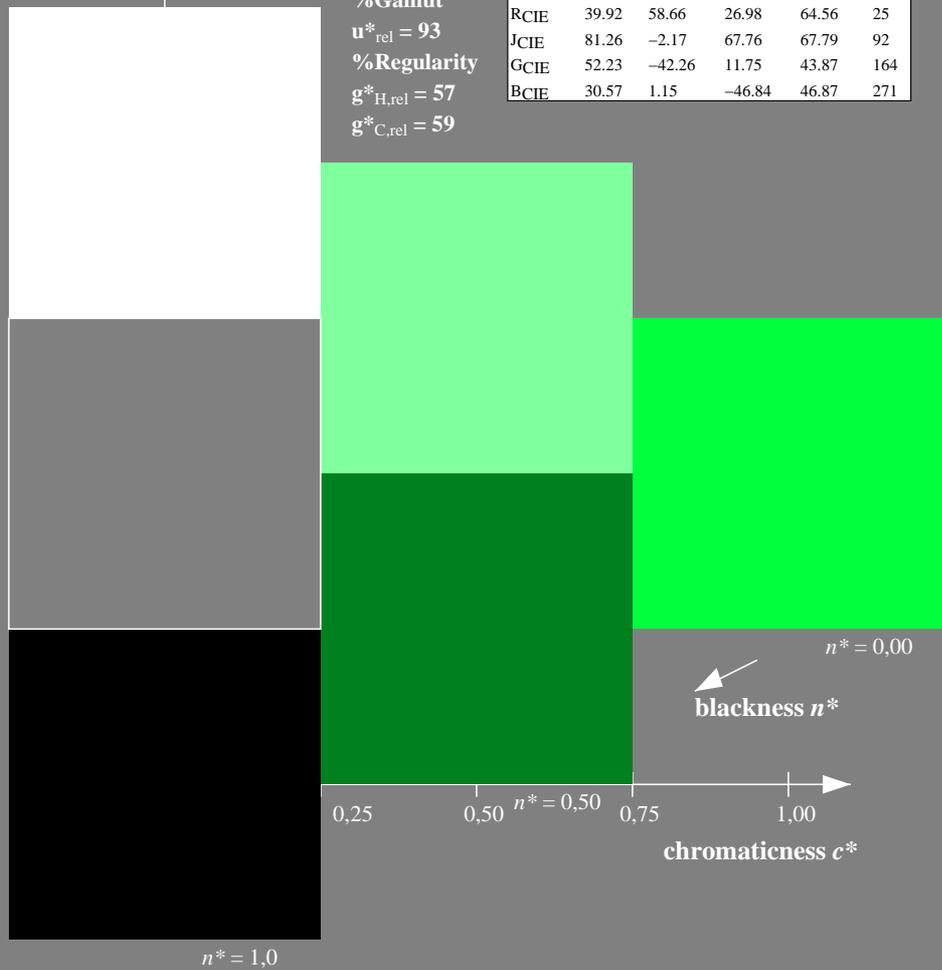
LAB*LAB	56.31	-63.05	20.19
LAB*LABa	56.31	-63.1	20.18
LAB*TCHa	50.0	66.26	162.27

relative CIELAB lab*

lab*lab	0.495	-0.951	0.304
lab*tch	0.5	1.0	0.451
lab*nch	0.0	1.0	0.451

relative Natural Colour (NC)

lab*lrj	0.495	-0.999	0.0
lab*tce	0.5	1.0	0.5
lab*nce	0.0	1.0	g00b



TE010-7, 3 step scales for constant CIELAB hue 164/360 = 0.457 (left)

3 step scales for constant CIELAB hue 162/360 = 0.451 (right)

BAM-test chart TE01; Colorimetric systems ORS18 & ORS18
 D65: 3 step colour scales and coordinate data for 10 hues

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

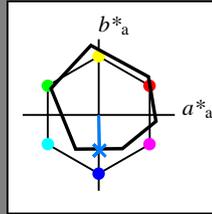
See for similar files: <http://www.ps.bam.de/TE01/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1?

BAM registration: 20060101-TE01/10L/L01E08SP.PS/.PDF BAM material: code=rh4ta
 application for evaluation and measurement of printer or monitor systems
 /TE01/ Form: 9/10, Serie: 1/1, Page: 9 Page count: 9

Input: Colorimetric Reflective System ORS18

for hue $h^* = lab^*h = 271/360 = 0.754$
 lab^*tch and lab^*nch

D65: hue B
 LCH*Ma: 42 45 271
 olv*Ma: 0.0 0.49 1.0
 triangle lightness t^*



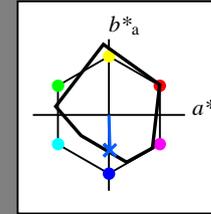
ORS18; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

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

Output: Colorimetric Reflective System MRS18a

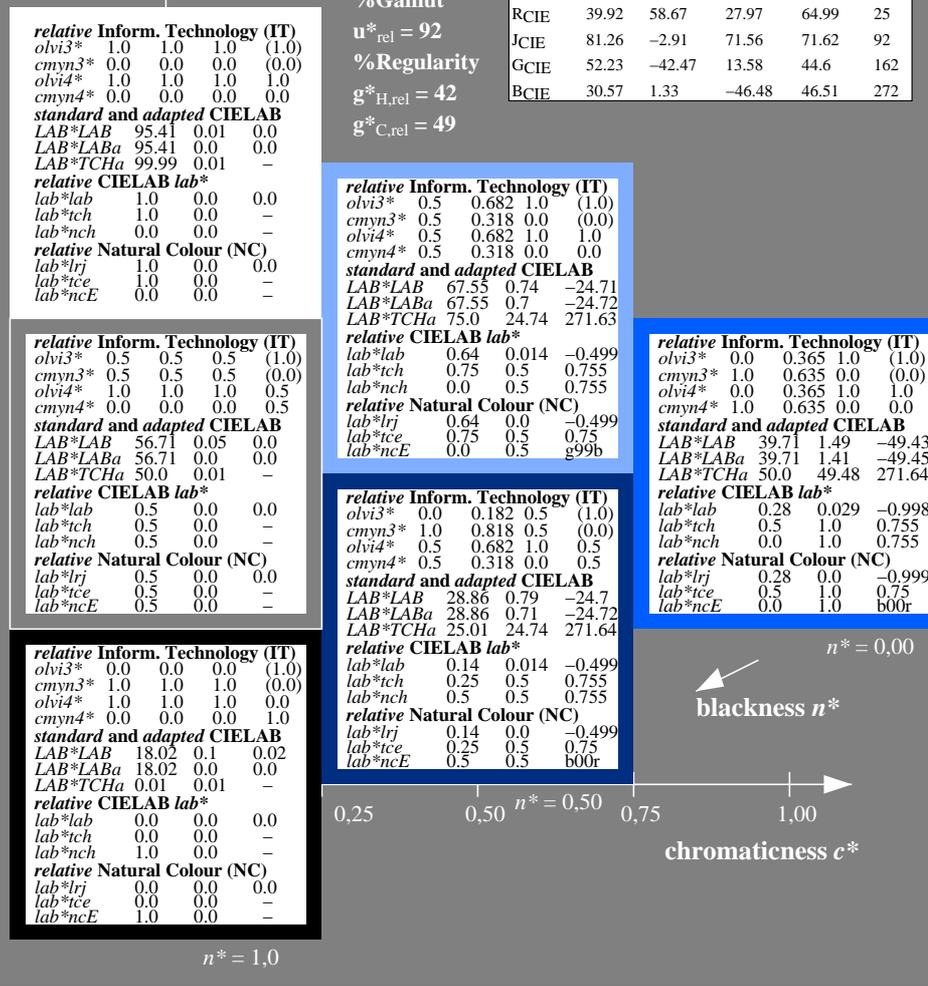
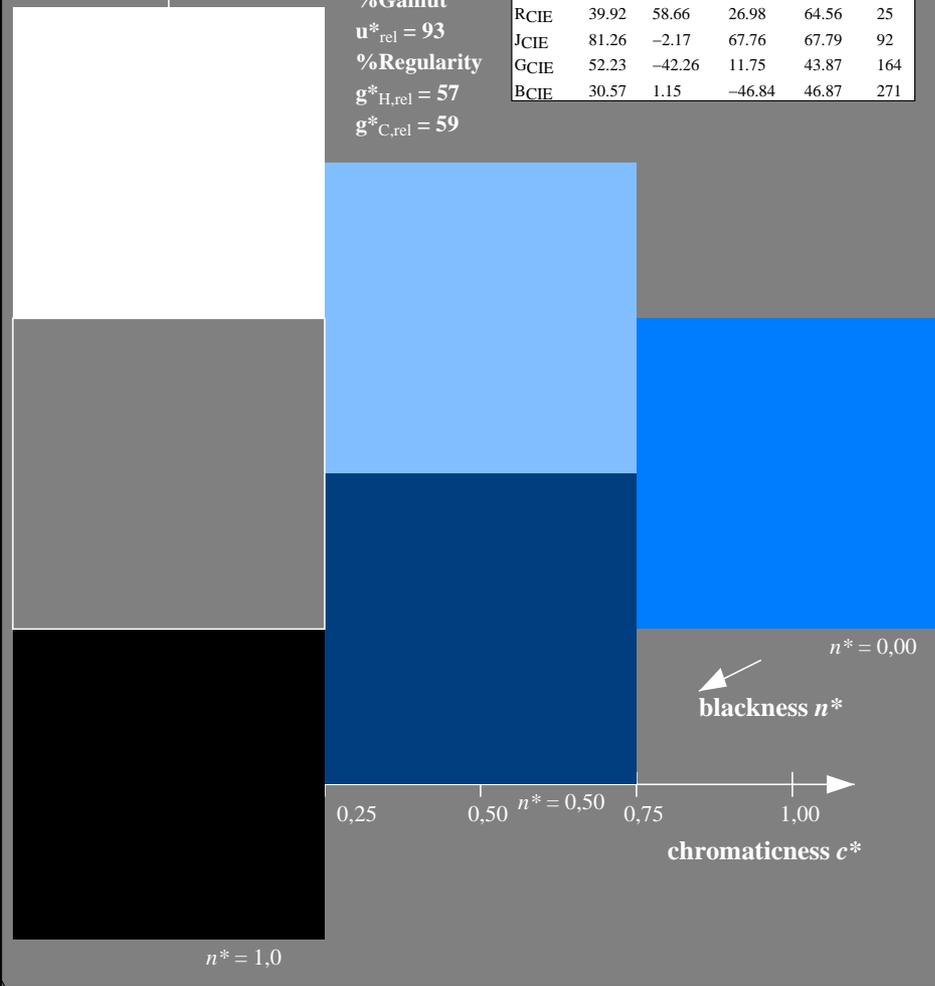
for hue $h^* = lab^*h = 272/360 = 0.755$
 lab^*tch and lab^*nch

D65: hue B
 LCH*Ma: 40 49 272
 olv*Ma: 0.0 0.36 1.0
 triangle lightness t^*



MRS18a; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Gamut
 $u^*_{rel} = 92$
 %Regularity
 $g^*_{H,rel} = 42$
 $g^*_{C,rel} = 49$



relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.01	0.0
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*tch	1.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lrj	1.0	0.0	0.0
lab*tce	1.0	0.0	-
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.5	0.682	1.0	(1.0)
cmyn3*	0.5	0.318	0.0	(0.0)
olvi4*	0.5	0.682	1.0	1.0
cmyn4*	0.5	0.318	0.0	0.0

standard and adapted CIELAB

LAB*LAB	67.55	0.74	-24.71
LAB*LABa	67.55	0.7	-24.72
LAB*TCHa	75.0	24.74	271.63

relative CIELAB lab*

lab*lab	0.64	0.014	-0.499
lab*tch	0.75	0.5	0.755
lab*nch	0.0	0.5	0.755

relative Natural Colour (NC)

lab*lrj	0.64	0.0	-0.499
lab*tce	0.75	0.5	0.75
lab*nce	0.0	0.5	g99b

relative Inform. Technology (IT)

olvi3*	0.0	0.365	1.0	(1.0)
cmyn3*	1.0	0.635	0.0	(0.0)
olvi4*	0.0	0.365	1.0	1.0
cmyn4*	1.0	0.635	0.0	0.0

standard and adapted CIELAB

LAB*LAB	39.71	1.49	-49.43
LAB*LABa	39.71	1.41	-49.45
LAB*TCHa	50.0	49.48	271.64

relative CIELAB lab*

lab*lab	0.28	0.029	-0.998
lab*tch	0.5	1.0	0.755
lab*nch	0.0	1.0	0.755

relative Natural Colour (NC)

lab*lrj	0.28	0.0	-0.999
lab*tce	0.5	1.0	0.75
lab*nce	0.0	1.0	b00r

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	0.0
cmyn4*	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	18.02	0.1	0.02
LAB*LABa	18.02	0.0	0.0
LAB*TCHa	0.01	0.01	-

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*tch	0.0	0.0	-
lab*nch	1.0	0.0	-

relative Natural Colour (NC)

lab*lrj	0.0	0.0	0.0
lab*tce	0.0	0.0	-
lab*nce	1.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.0	0.182	0.5	(1.0)
cmyn3*	1.0	0.818	0.5	(0.0)
olvi4*	0.5	0.682	1.0	0.5
cmyn4*	0.5	0.318	0.0	0.5

standard and adapted CIELAB

LAB*LAB	28.86	0.79	-24.7
LAB*LABa	28.86	0.71	-24.72
LAB*TCHa	25.01	24.74	271.64

relative CIELAB lab*

lab*lab	0.14	0.014	-0.499
lab*tch	0.25	0.5	0.755
lab*nch	0.5	0.5	0.755

relative Natural Colour (NC)

lab*lrj	0.14	0.0	-0.499
lab*tce	0.25	0.5	0.75
lab*nce	0.5	0.5	b00r

TE010-7, 3 step scales for constant CIELAB hue 271/360 = 0.754 (left)

3 step scales for constant CIELAB hue 272/360 = 0.755 (right)

BAM-test chart TE01; Colorimetric systems ORS18 & ORS18
 D65: 3 step colour scales and coordinate data for 10 hues

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

See for similar files: <http://www.ps.bam.de/TE01/>
 Technical information: <http://www.ps.bam.de>
 Version 2.1, io=1,1?

BAM registration: 20060101-TE01/10L/L01E09SP.PS/.PDF
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=rh4ta
 /TE01/ Form: 101/05/Scene: 1/1, Page: 10 Page count: 10