

Input: Colorimetric Reflective System ORS18

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

$lab \cdot tch$ and $lab \cdot nch$

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

triangle lightness

1,00



%Gamut

$u^*_{rel} = 93$

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

%Regularity

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

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

Output: Colorimetric Reflective System MRS18a

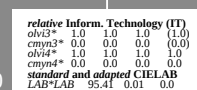
for hue $h^* = lab \cdot h = 31/360 = 0.086$

$lab \cdot tch$ and $lab \cdot nch$

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

triangle lightness

1,00



%Gamut

$u^*_{rel} = 92$

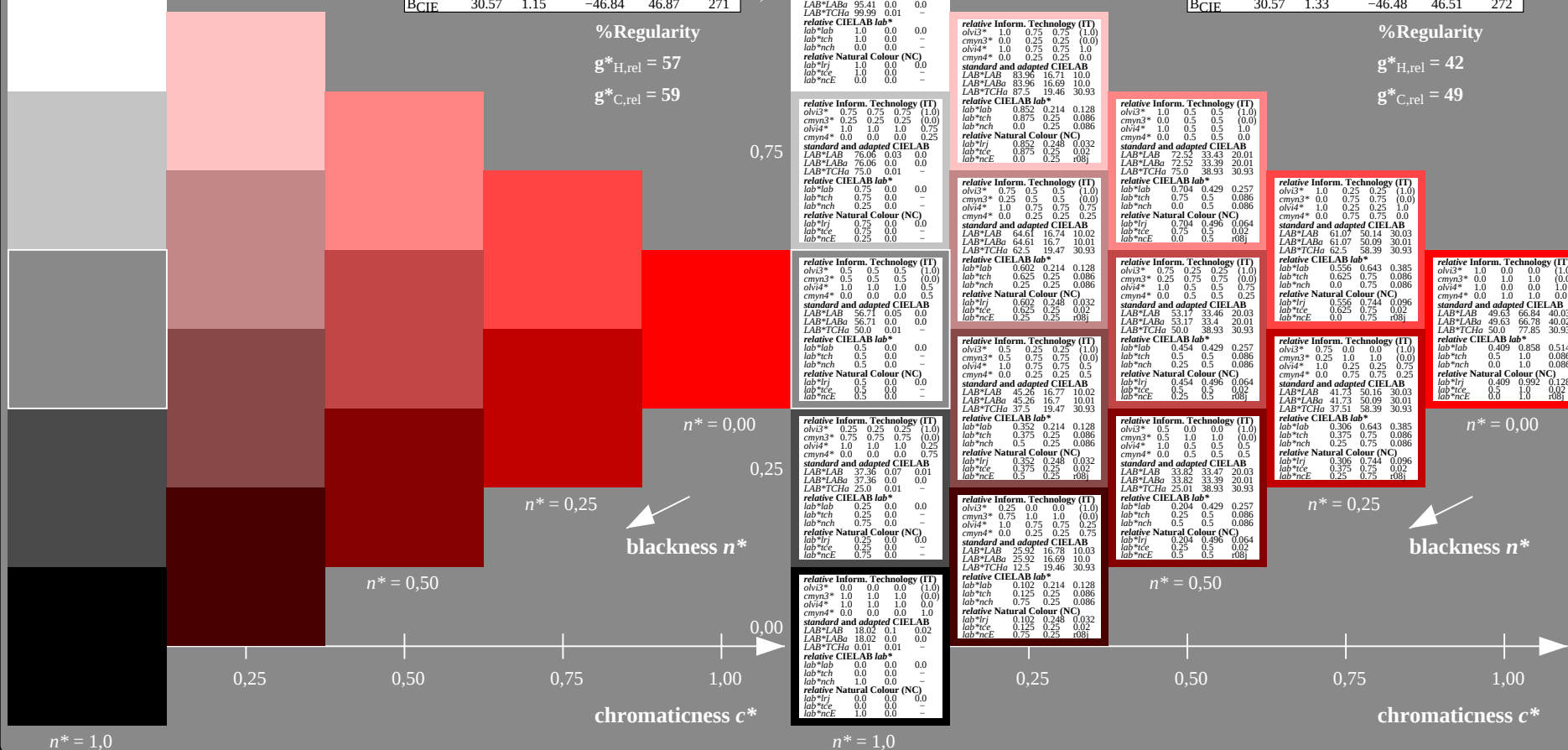
MRS18a; adapted (a) CIELAB data

	$L^* = L^*_a$	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

%Regularity

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

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



TE410-7, 5 step scales for constant CIELAB hue 38/360 = 0.105 (left)

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

BAM-test chart TE41; Colorimetric systems ORS18 & MRS18a input: $olv^* \text{ setrgbcolor}$

D65: 5 step colour scales and coordinate data for 10 hues

output: $olv^* \text{ setrgbcolor} / w^* \text{ setgray}$

Input: Colorimetric Reflective System ORS18

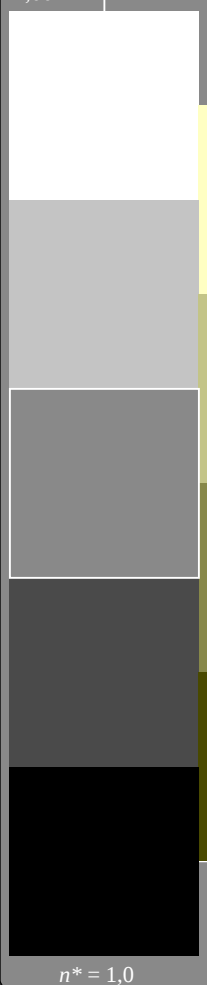
for hue $h^* = lab \cdot h = 96/360 = 0.268$

$lab \cdot tch$ and $lab \cdot nch$

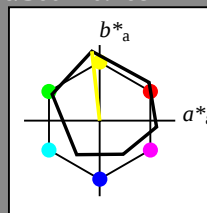
D65: hue Y
LCH*Ma: 90 92 96
rgb*Ma: 1.0 1.0 0.0

triangle lightness

1,00



TE410-7, 5 step scales for constant CIELAB hue 96/360 = 0.268 (left)



% Gamut
 $u^*_{rel} = 93$

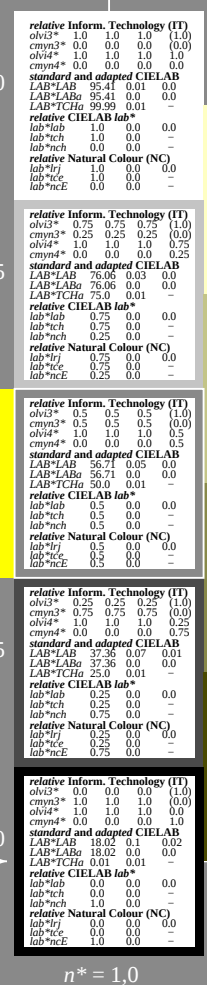
ORS18; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	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

%Regularity

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

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

1,00



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

Output: Colorimetric Reflective System MRS18a

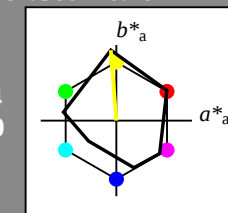
for hue $h^* = lab \cdot h = 94/360 = 0.262$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue J
LCH*Ma: 91 93 94
rgb*Ma: 1.0 1.0 0.0

triangle lightness

1,00



% Gamut
 $u^*_{rel} = 92$

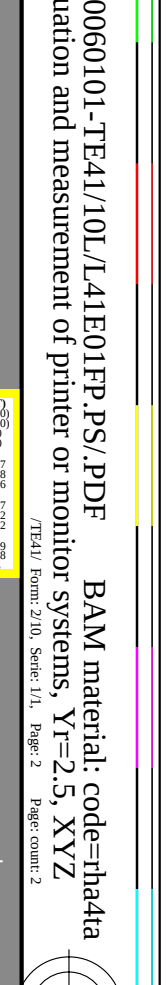
MRS18a; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	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

%Regularity

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

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

1,00



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

BAM-test chart TE41; Colorimetric systems ORS18 & MRS18a input: $olv^* \cdot setrgbcolor$

D65: 5 step colour scales and coordinate data for 10 hues

output: $olv^* \cdot setrgbcolor / w^* \cdot setgray$

Input: Colorimetric Reflective System ORS18

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

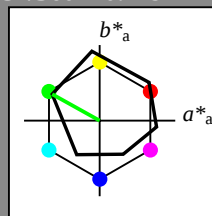
lab^*tch and lab^*nch

D65: hue L

LCH*Ma: 51 72 151

rgb*Ma: 0.0 1.0 0.0

triangle lightness

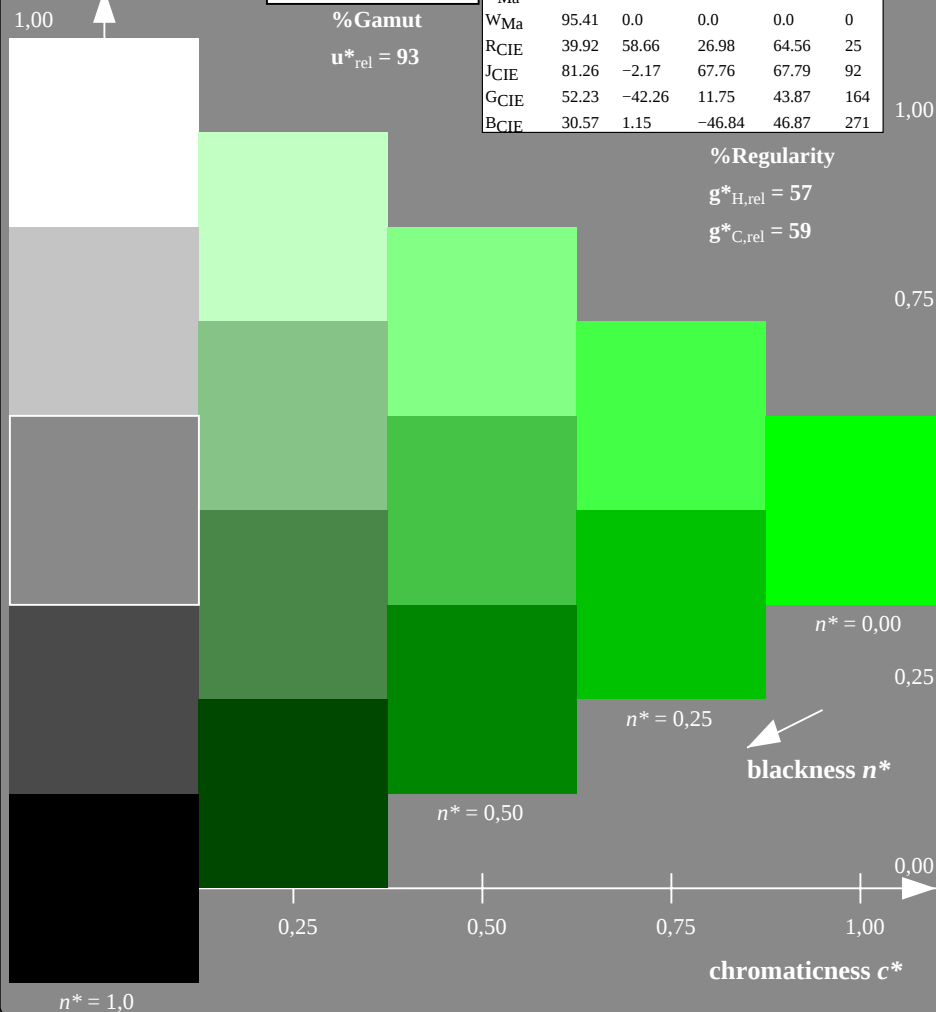


ORS18; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	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

%Regularity

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

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



TE410-7, 5 step scales for constant CIELAB hue 151/360 = 0.419 (left)



D65: 5 step colour scales and coordinate data for 10 hues

Output: Colorimetric Reflective System MRS18a

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

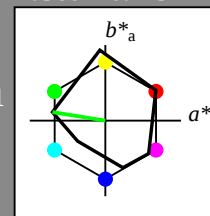
lab^*tch and lab^*nch

D65: hue G

LCH*Ma: 52 71 171

rgb*Ma: 0.0 1.0 0.0

triangle lightness

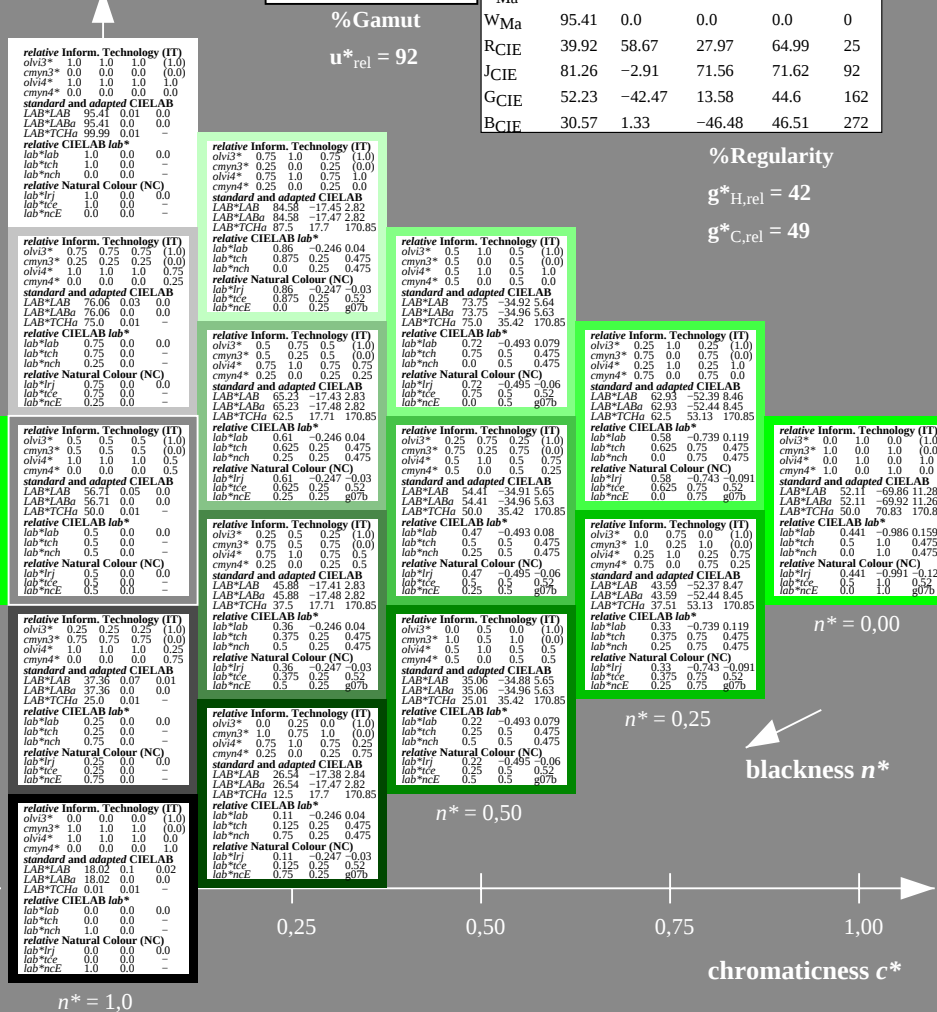


MRS18a; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	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

%Regularity

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

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



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

output: $olv^* setrgbcolor / w^* setgray$

Input: Colorimetric Reflective System ORS18

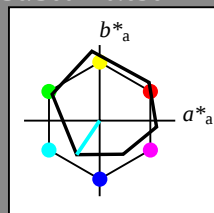
for hue $h^* = lab \cdot h = 236/360 = 0.656$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue C
 LCH*Ma: 59 54 236
 rgb*Ma: 0.0 1.0 1.0

triangle lightness

1,00



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

%Regularity

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

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

1,00

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*Lab	95.41	0.0	0.0		
LAB*TCa	98.99	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*trj	1.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	(1.0)	
cmyn3*	0.25	0.25	0.25	(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	82.81	-9.13	-6.77		
LAB*Lab	82.81	-9.13	-6.77		
LAB*TCa	87.5	11.4	216.52		
relative CIELAB lab*					
lab*lab	0.87	-0.2	-0.148		
lab*tch	0.875	0.25	0.601		
lab*nch	0.0	0.25	0.601		
relative Natural Colour (NC)					
lab*trj	0.837	-0.177	-0.175		
lab*nce	0.875	0.25	0.624		
lab*nce	0.0	0.25	g49b		

relative Inform. Technology (IT)					
olvi3*	0.5	0.75	0.75	(1.0)	
cmyn3*	0.5	0.25	0.25	(0.0)	
olvi4*	0.75	1.0	1.0	0.75	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	63.46	-9.15	-6.78		
LAB*Lab	63.46	-9.15	-6.78		
LAB*TCa	62.5	11.4	216.52		
relative CIELAB lab*					
lab*lab	0.5	0.75	0.75	(1.0)	
lab*tch	0.5	0.25	0.601		
lab*nch	0.0	0.25	0.601		
relative Natural Colour (NC)					
lab*trj	0.587	-0.177	-0.175		
lab*nce	0.5	0.25	g49b		
lab*nce	0.0	0.25	g49b		

relative Inform. Technology (IT)					
olvi3*	0.25	0.5	0.5	(1.0)	
cmyn3*	0.75	0.5	0.5	(0.0)	
olvi4*	0.75	1.0	1.0	0.5	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	44.11	-9.09	-6.76		
LAB*Lab	44.11	-9.09	-6.76		
LAB*TCa	37.5	11.4	216.52		
relative CIELAB lab*					
lab*lab	0.337	-0.2	-0.148		
lab*tch	0.375	0.25	0.601		
lab*nch	0.0	0.25	0.601		
relative Natural Colour (NC)					
lab*trj	0.337	-0.177	-0.175		
lab*nce	0.375	0.25	g49b		
lab*nce	0.0	0.25	g49b		

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	1.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	18.02	0.1	0.02		
LAB*Lab	18.02	0.0	0.0		
LAB*TCa	0.01				
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		
lab*nce	1.0	0.0	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	1.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	0.0	0.0	0.0		
LAB*Lab	0.0	0.0	0.0		
LAB*TCa	0.0	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		
lab*nce	1.0	0.0	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	1.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	0.0	0.0	0.0		
LAB*Lab	0.0	0.0	0.0		
LAB*TCa	0.0	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		
lab*nce	1.0	0.0	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	1.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	0.0	0.0	0.0		
LAB*Lab	0.0	0.0	0.0		
LAB*TCa	0.0	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		
lab*nce	1.0	0.0	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	1.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	0.0	0.0	0.0		
LAB*Lab	0.0	0.0	0.0		
LAB*TCa	0.0	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		
lab*nce	1.0	0.0	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	1.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	0.0	0.0	0.0		
LAB*Lab	0.0	0.0	0.0		
LAB*TCa	0.0	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		
lab*nce	1.0	0.0	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	1.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	0.0	0.0	0.0		
LAB*Lab	0.0	0.0	0.0		
LAB*TCa	0.0	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		

0 hues	

Input: Colorimetric Reflective System ORS18

for hue $h^* = lab \cdot h = 305/360 = 0.847$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue V
 LCH*Ma: 26 54 305
 rgb*Ma: 0.0 0.0 1.0

triangle lightness

1,00

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

0,50

$n^* = 0,50$

0,75

$n^* = 0,75$

1,00

$n^* = 1,0$

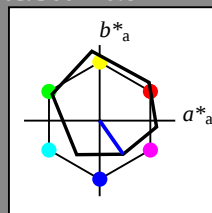
chromaticness c^*

blackness n^*

TE410-7, 5 step scales for constant CIELAB hue 305/360 = 0.847 (left)

BAM-test chart TE41; Colorimetric systems ORS18 & MRS18a

D65: 5 step colour scales and coordinate data for 10 hues



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

%Regularity

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

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

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

0,50

$n^* = 0,50$

0,75

$n^* = 0,75$

1,00

$n^* = 1,0$

chromaticness c^*

blackness n^*

TE410-7, 5 step scales for constant CIELAB hue 305/360 = 0.847 (left)

BAM-test chart TE41; Colorimetric systems ORS18 & MRS18a

D65: 5 step colour scales and coordinate data for 10 hues

Output: Colorimetric Reflective System MRS18a

for hue $h^* = lab \cdot h = 290/360 = 0.807$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue B
 LCH*Ma: 37 66 290
 rgb*Ma: 0.0 0.0 1.0

triangle lightness

1,00

%Gamut

$u^*_{rel} = 92$

%Regularity

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

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

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

0,50

$n^* = 0,50$

0,75

$n^* = 0,75$

1,00

$n^* = 1,0$

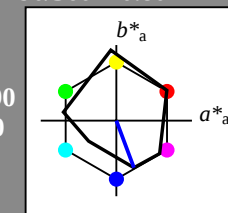
chromaticness c^*

blackness n^*

TE410-7, 5 step scales for constant CIELAB hue 290/360 = 0.807 (right)

BAM-test chart TE41; Colorimetric systems ORS18 & MRS18a

D65: 5 step colour scales and coordinate data for 10 hues



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
G50B _{Ma}	45.03	-36.65	-27.13	45.61	217
B _{Ma}	36.65	23.26	-62.27	66.49	290
B50R _{Ma}	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

%Regularity

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

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

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

0,50

$n^* = 0,50$

0,75

$n^* = 0,75$

1,00

$n^* = 1,0$

chromaticness c^*

blackness n^*

TE410-7, 5 step scales for constant CIELAB hue 290/360 = 0.807 (right)

BAM-test chart TE41; Colorimetric systems ORS18 & MRS18a

D65: 5 step colour scales and coordinate data for 10 hues

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

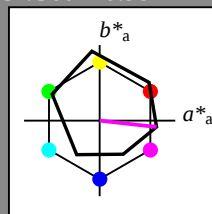
rgb*Ma: 1.0 0.0 1.0

triangle lightness

1,00

%Gamut

$u^*_{rel} = 93$



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

%Regularity

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

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

1,00

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

$LAB^*LAB 95.41 0.01 0.0$
 $LAB^*LAb 95.41 0.01 0.0$
 $LAB^*TCha 98.99 0.01 0.0$

relative CIELAB lab*

$lab^*lab 1.0 0.0 0.0$
 $lab^*tch 1.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 1.0 0.0 0.0$
 $lab^*tce 1.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 76.06 0.03 0.0$
 $LAB^*LAb 76.06 0.03 0.0$
 $LAB^*TCha 75.0 0.01 0.0$

relative CIELAB lab*

$lab^*lab 0.75 0.0 0.0$
 $lab^*tch 0.75 0.0 0.0$
 $lab^*nch 0.25 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.75 0.0 0.0$
 $lab^*tce 0.25 0.0 0.0$
 $lab^*nce 0.25 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 56.71 0.05 0.0$
 $LAB^*LAb 56.71 0.05 0.0$
 $LAB^*TCha 50.0 0.01 0.0$

relative CIELAB lab*

$lab^*lab 0.5 0.0 0.0$
 $lab^*tch 0.5 0.0 0.0$
 $lab^*nch 0.5 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.5 0.0 0.0$
 $lab^*tce 0.5 0.0 0.0$
 $lab^*nce 0.5 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 37.36 0.07 0.01$
 $LAB^*LAb 37.36 0.07 0.01$
 $LAB^*TCha 37.5 0.01 0.0$

relative CIELAB lab*

$lab^*lab 0.25 0.0 0.0$
 $lab^*tch 0.25 0.0 0.0$
 $lab^*nch 0.25 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.25 0.0 0.0$
 $lab^*tce 0.25 0.0 0.0$
 $lab^*nce 0.25 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 18.02 0.1 0.02$
 $LAB^*LAb 18.02 0.1 0.02$
 $LAB^*TCha 18.01 0.01 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

relative CIELAB lab*

$lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$

relative Natural Colour (NC)

$lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

standard and adapted CIELAB

$LAB^*LAB 0.01 0.0 0.0$
 $LAB^*LAb 0.01 0.0 0.0$
 $LAB^*TCha 0.01 0.0 0.0$

Input: Colorimetric Reflective System ORS18

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

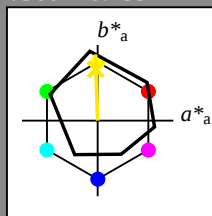
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 86 88 92

rgb*Ma: 1.0 0.9 0.0

triangle lightness



%Gamut

$u^*_{rel} = 93$

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

%Regularity

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

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

Output: Colorimetric Reflective System MRS18a

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

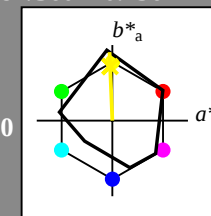
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 89 91 92

rgb*Ma: 1.0 0.95 0.0

triangle lightness



%Gamut

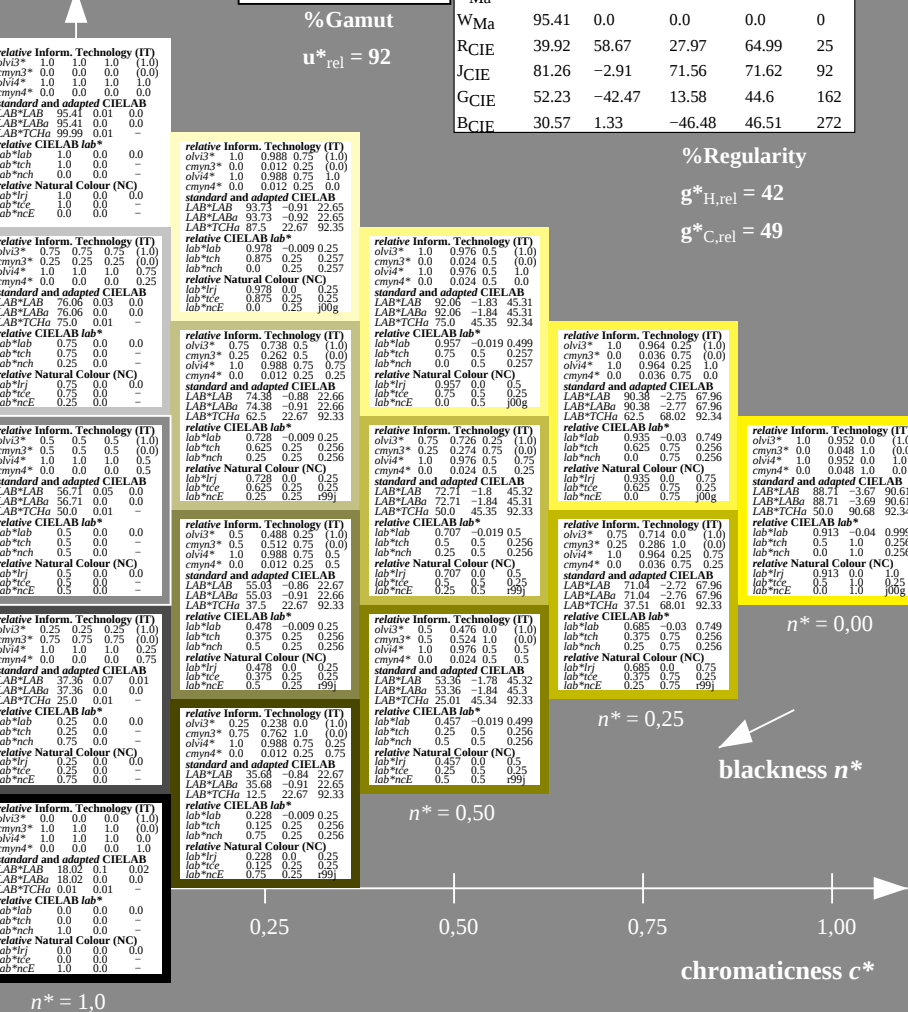
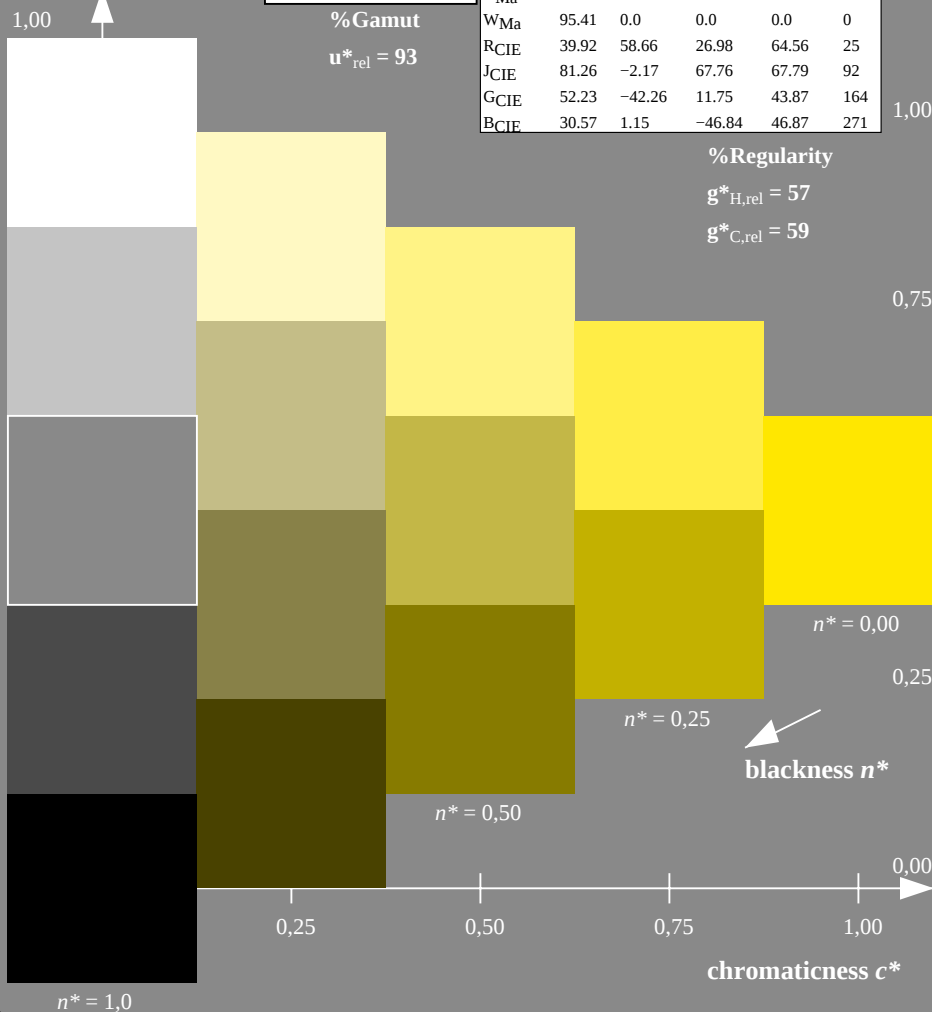
$u^*_{rel} = 92$

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
G50B _{Ma}	45.03	-36.65	-27.13	45.61	217
B _{Ma}	36.65	23.26	-62.27	66.49	290
B50R _{Ma}	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

%Regularity

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

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



TE410-7, 5 step scales for constant CIELAB hue 92/360 = 0.255 (left)

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

BAM-test chart TE41; Colorimetric systems ORS18 & MRS18a input: $olv^* setrgbcolor$

D65: 5 step colour scales and coordinate data for 10 hues

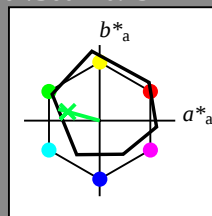
output: $olv^* setrgbcolor / w^* setgray$

Input: Colorimetric Reflective System ORS18

for hue $h^* = lab \cdot h = 164/360 = 0.457$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue G
LCH*Ma: 53 57 164
rgb*Ma: 0.0 1.0 0.25
triangle lightness



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

%Regularity

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

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

1,00

0,75

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

blackness n^*

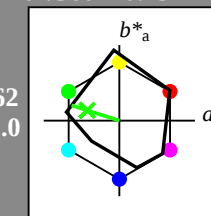
chromaticness c^*

Output: Colorimetric Reflective System MRS18a

for hue $h^* = lab \cdot h = 162/360 = 0.451$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue G
LCH*Ma: 56 66 162
rgb*Ma: 0.11 1.0 0.0
triangle lightness



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

%Regularity

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

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

1,00

0,75

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

blackness n^*

chromaticness c^*

TE410-7, 5 step scales for constant CIELAB hue 164/360 = 0.457 (left)

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

BAM-test chart TE41; Colorimetric systems ORS18 & MRS18a input: $olv^* \cdot setrgbcolor$

D65: 5 step colour scales and coordinate data for 10 hues

output: $olv^* \cdot setrgbcolor / w^* \cdot setgray$

Input: Colorimetric Reflective System ORS18

for hue $h^* = lab \cdot h = 271/360 = 0.754$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue B
 LCH*Ma: 42 45 271
 rgb*Ma: 0.0 0.49 1.0

triangle lightness

1,00

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

0,75

0,50

0,25

0,00

blackness n^*

0,25

0,50

0,75

1,00

chromaticness c^*

$n^* = 1,0$

$n^* = 0,50$

$n^* = 0,25$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

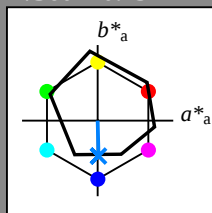
$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$



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

%Regularity

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

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

0,75

0,50

0,25

0,00

blackness n^*

0,25

0,50

0,75

1,00

chromaticness c^*

$n^* = 1,0$

$n^* = 0,50$

$n^* = 0,25$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

Output: Colorimetric Reflective System MRS18a

for hue $h^* = lab \cdot h = 272/360 = 0.755$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue B
 LCH*Ma: 40 49 272
 rgb*Ma: 0.0 0.36 1.0

triangle lightness

1,00

%Gamut

$u^*_{rel} = 92$

%Regularity

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

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

0,75

0,50

0,25

0,00

blackness n^*

0,25

0,50

0,75

1,00

chromaticness c^*

$n^* = 1,0$

$n^* = 0,50$

$n^* = 0,25$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

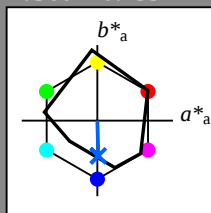
$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$



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

%Regularity

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

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

0,75

0,50

0,25

0,00

blackness n^*

0,25

0,50

0,75

1,00

chromaticness c^*

$n^* = 1,0$

$n^* = 0,50$

$n^* = 0,25$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,00$

TE410-7, 5 step scales for constant CIELAB hue 271/360 = 0.754 (left)

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

BAM-test chart TE41; Colorimetric systems ORS18 & MRS18a input: $olv^* \text{ setrgbcolor}$

D65: 5 step colour scales and coordinate data for 10 hues

output: $olv^* \text{ setrgbcolor} / w^* \text{ setgray}$