

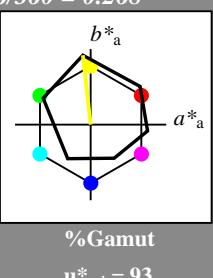


See for similar files: <http://www.ps.bam.de/UE41/>
 Technical information: <http://www.ps.bam.de>

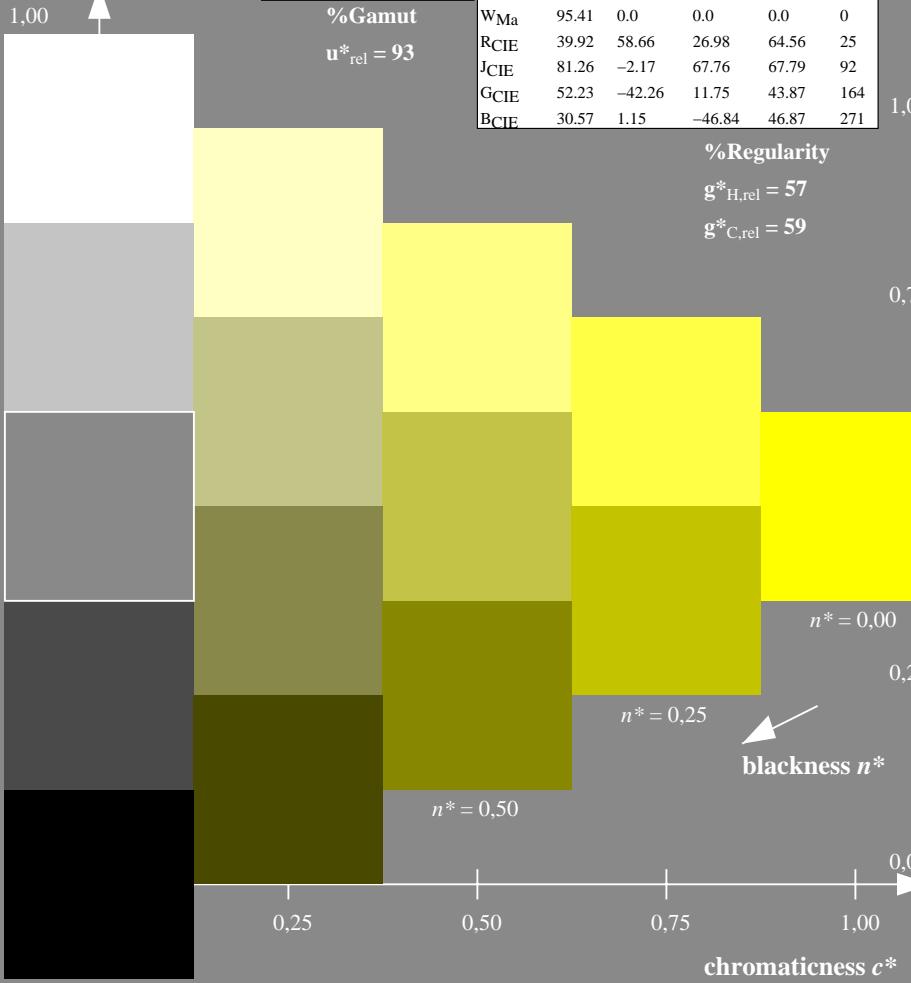
Version 2.1, io=01, CIEXYZ

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
 rgb*Ma: 1.0 1.0 0.0
 triangle lightness



	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.37	50.52	82.62	38
Y _{Ma}	90.37	-10.27	91.77	92.34	96
L _{Ma}	50.9	-62.79	34.95	71.87	151
C _{Ma}	58.62	-30.35	-45.01	54.3	236
V _{Ma}	25.71	31.11	-44.42	54.24	305
M _{Ma}	48.13	75.27	-8.35	75.73	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.56	25
J _{CIE}	81.26	-2.17	67.76	67.79	92
G _{CIE}	52.23	-42.26	11.75	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.87	271

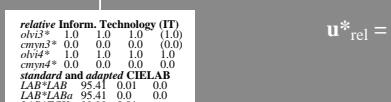


UE410-7, 5 step scales for constant CIELAB hue 96/360 = 0.268 (left)

BAM-test chart UE41; Colorimetric systems ORS18 & MRS18a input: $cmy0^* \text{ setcmykcolor}$
 D65: 5 step colour scales and coordinate data for 10 hues
 output: $olv^* \text{ setrgbcolor} / w^* \text{ setgray}$

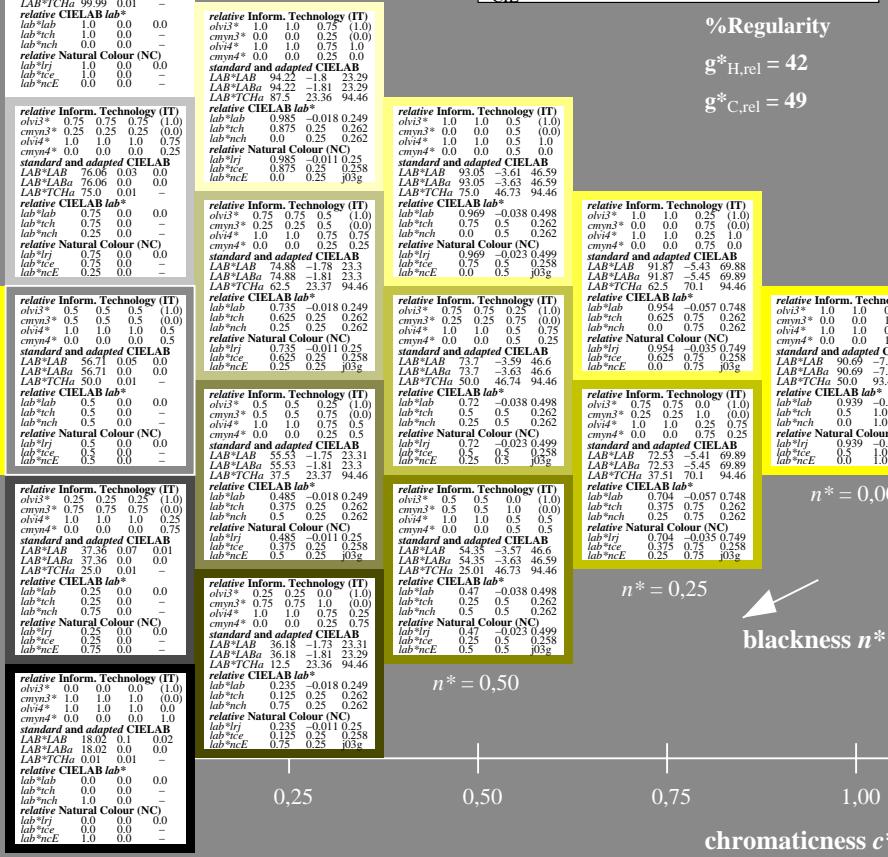
Output: Colorimetric Reflective System MRS18a
 for hue $h^* = lab^*h = 94/360 = 0.262$
 lab^*tch and lab^*nch

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



%Regularity

$g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



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

/UE41 / Form 3/10, Serie: 1/1, Page: 3

Page: count: 3



6
8

www.ps.bam.de/UE41/10L/L41E02FP.PS/.PDF; linearized output
 F: Output Linearization (OL) data UE41/10L/L41E02FP.DAT in File (F)

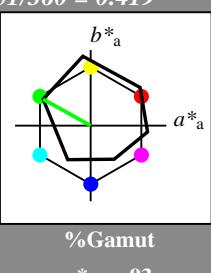
See for similar files: <http://www.ps.bam.de/UE41/>

Technical information: <http://www.ps.bam.de> Version 2.1, io=01, CIEXYZ

-8
-6

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

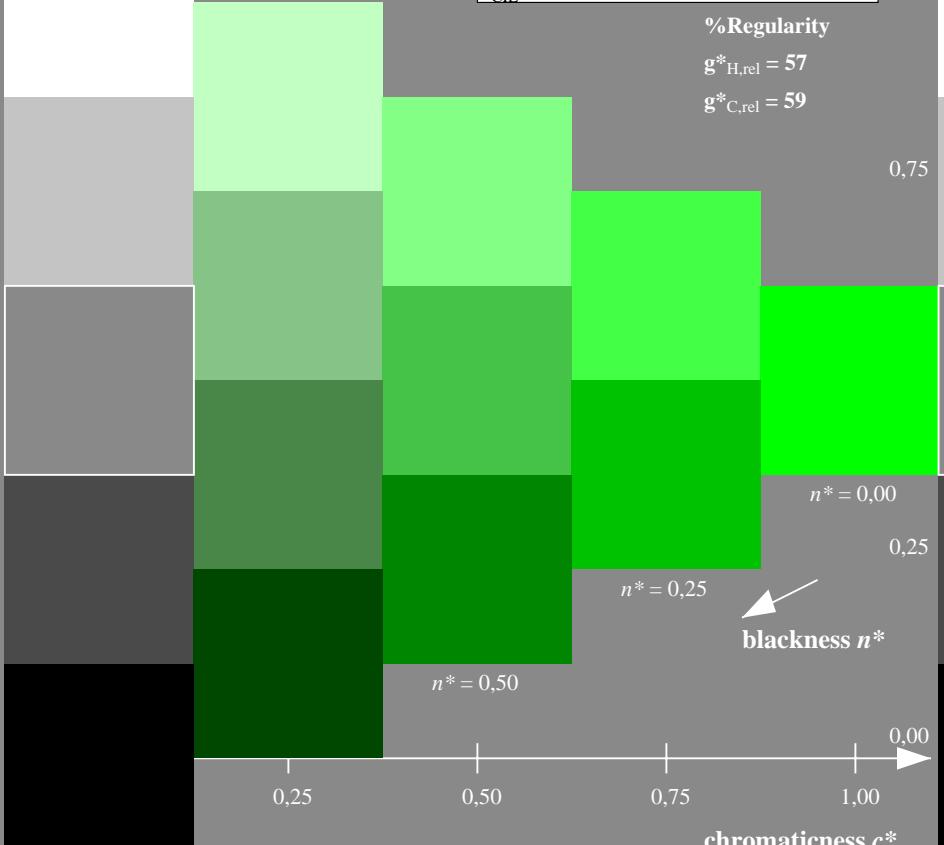
	$L^*=L_a^*$	a^*_a	b^*_a	$C_{ab,a}^*$	$h_{ab,a}^*$
O _{Ma}	47.94	65.37	50.52	82.62	38
Y _{Ma}	90.37	-10.27	91.77	92.34	96
L _{Ma}	50.9	-62.79	34.95	71.87	151
C _{Ma}	58.62	-30.35	-45.01	54.3	236
V _{Ma}	25.71	31.11	-44.42	54.24	305
M _{Ma}	48.13	75.27	-8.35	75.73	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.56	25
J _{CIE}	81.26	-2.17	67.76	67.79	92
G _{CIE}	52.23	-42.26	11.75	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.87	271



%Regularity

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

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



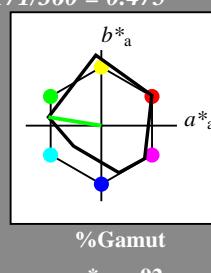
UE410-7, 5 step scales for constant CIELAB hue 151/360 = 0.419 (left)

BAM-test chart UE41; Colorimetric systems ORS18 & MRS18a input: $cmy0^* setcmykcolor$
 D65: 5 step colour scales and coordinate data for 10 hues output: $olv^* setrgbcolor / w^* setgray$

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



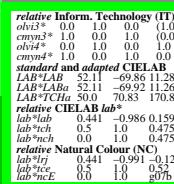
MRS18a; adapted (a) CIELAB data

	$L^*=L_a^*$	a^*_a	b^*_a	$C_{ab,a}^*$	$h_{ab,a}^*$
R _{Ma}	49.63	66.8	-	40.02	77.87
J _{Ma}	90.7	-7.27	-	93.19	93.48
G _{Ma}	52.11	-69.93	-	11.26	70.85
G50B _{Ma}	45.03	-36.65	-	-27.13	45.61
B _{Ma}	36.65	23.26	-	-62.27	66.49
B50R _{Ma}	34.94	57.27	-	-43.6	71.99
N _{Ma}	18.01	0.0	-	0.0	0
W _{Ma}	95.41	0.0	-	0.0	0
R _{CIE}	39.92	58.67	-	27.97	64.99
J _{CIE}	81.26	-2.91	-	71.56	71.62
G _{CIE}	52.23	-42.47	-	13.58	44.6
B _{CIE}	30.57	1.33	-	-46.48	46.51

%Regularity

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

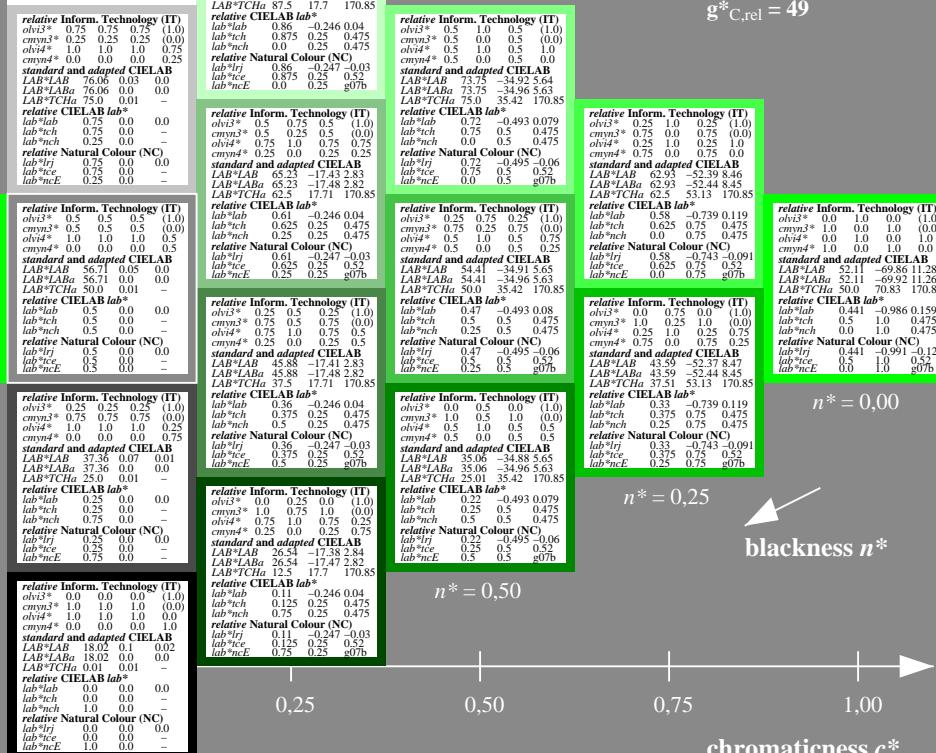
$g^*_{C,rel} = 49$



$n^* = 0,00$

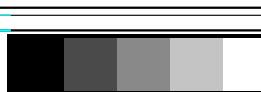
$n^* = 0,25$

$n^* = 0,50$



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

BAM-test chart UE41; Colorimetric systems ORS18 & MRS18a input: $cmy0^* setcmykcolor$
 D65: 5 step colour scales and coordinate data for 10 hues output: $olv^* setrgbcolor / w^* setgray$



See for similar files: <http://www.ps.bam.de/UE41/>
Technical information: <http://www.ps.bam.de>

Version 2.1, io=0.1, CIEXYZ

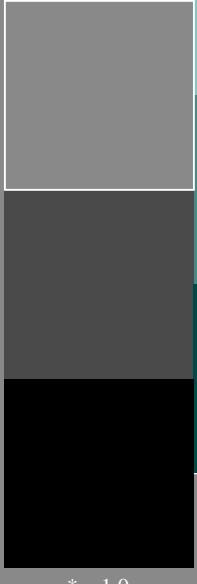
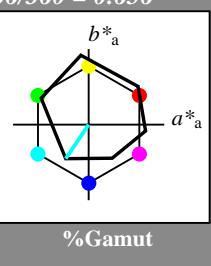


www.ps.bam.de/UE41/10L/L41E03FP.PS/.PDF; linearized output
F: Output Linearization (OL) data UE41/10L/L41E03FP.DAT in File (F)

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
rgb*Ma: 0.0 1.0 1.0
triangle lightness

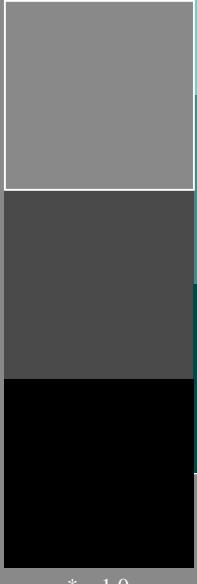
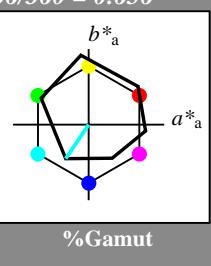


UE410-7, 5 step scales for constant CIELAB hue 236/360 = 0.656 (left)

BAM-test chart UE41; Colorimetric systems ORS18 & MRS18a input: $cmy0*$ $setcmykcolor$
D65: 5 step colour scales and coordinate data for 10 hues

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
rgb*Ma: 0.0 1.0 1.0
triangle lightness



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

BAM-test chart UE41; Colorimetric systems ORS18 & MRS18a input: $cmy0*$ $setcmykcolor$
output: $olv*$ $setrgbcolor$ / $w*$ $setgray$

$n^* = 1,0$

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

blackness n^*

$n^* = 0,00$

$n^* = 0,50$

$n^* = 0,25$

$n^* = 0,00$

$n^* = 0,50$

$n^* = 0,25$

$n^* = 0,00$

$n^* = 0,50$

$n^* = 0,00$

chromaticness c^*

$n^* = 1,0$

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

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

chromaticness c^*

$n^* = 0,50$

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

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

chromaticness c^*

$n^* = 0,25$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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chromaticness c^*

$n^* = 0,00$

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

chromaticness c^*

$n^* = 0,00$

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chromaticness c^*

$n^* = 0,00$

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

chromaticness c^*

$n^* = 0,00$

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

chromaticness c^*

$n^* = 0,00$

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

chromaticness c^*

$n^* = 0,00$

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chromaticness c^*

$n^* = 0,00$

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chromaticness c^*

$n^* = 0,00$

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chromaticness c^*

$n^* = 0,00$

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chromaticness c^*

$n^* = 0,00$

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chromaticness c^*

$n^* = 0,00$

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chromaticness c^*

$n^* = 0,00$

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chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

chromaticness c^*

$n^* = 0,00$

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

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

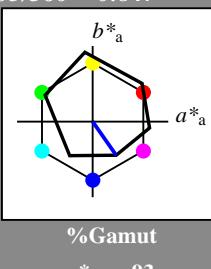


Input: Colorimetric Reflective System ORS18
for hue $h^* = lab^*h = 305/360 = 0.847$
 lab^*tch and lab^*nch

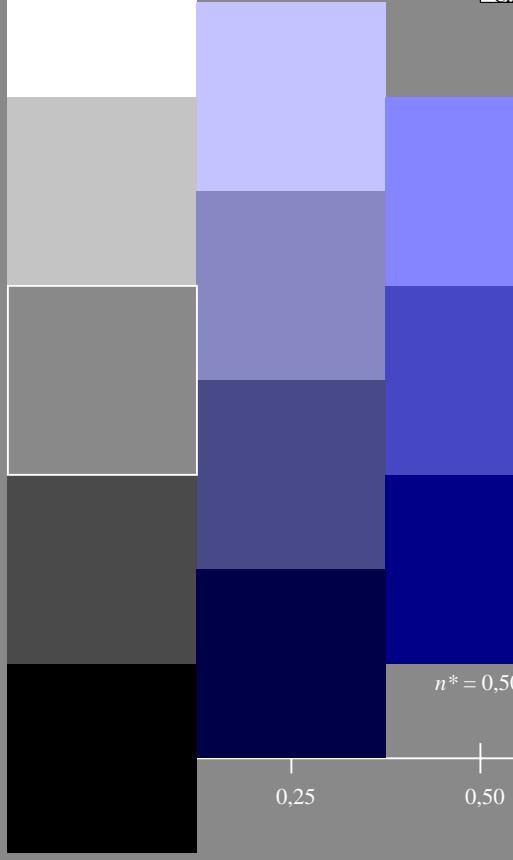
D65: hue V
LCH*Ma: 26 54 305
rgb*Ma: 0.0 0.0 1.0

triangle lightness

1,00



	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.37	50.52	82.62	38
Y _{Ma}	90.37	-10.27	91.77	92.34	96
L _{Ma}	50.9	-62.79	34.95	71.87	151
C _{Ma}	58.62	-30.35	-45.01	54.3	236
V _{Ma}	25.71	31.11	-44.42	54.24	305
M _{Ma}	48.13	75.27	-8.35	75.73	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.56	25
J _{CIE}	81.26	-2.17	67.76	67.79	92
G _{CIE}	52.23	-42.26	11.75	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.87	271



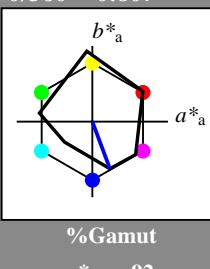
UE410-7, 5 step scales for constant CIELAB hue 305/360 = 0.847 (left)

BAM-test chart UE41; Colorimetric systems ORS18 & MRS18a input: $cmy0^* setcmykcolor$
D65: 5 step colour scales and coordinate data for 10 hues

Output: Colorimetric Reflective System MRS18a

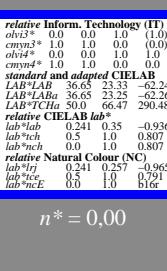
for hue $h^* = lab^*h = 290/360 = 0.807$

lab^*tch and lab^*nch



	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{Ma}	49.63	66.8	40.02	77.87	31
J _{Ma}	90.7	-7.27	93.19	93.48	94
G _{Ma}	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
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.67	27.97	64.99	25
J _{CIE}	81.26	-2.91	71.56	71.62	92
G _{CIE}	52.23	-42.47	13.58	44.6	162
B _{CIE}	30.57	1.33	-46.48	46.51	272

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



$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

chromaticness c^*

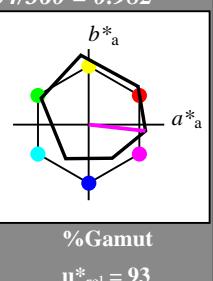


5 step scales for constant CIELAB hue 290/360 = 0.807 (right)

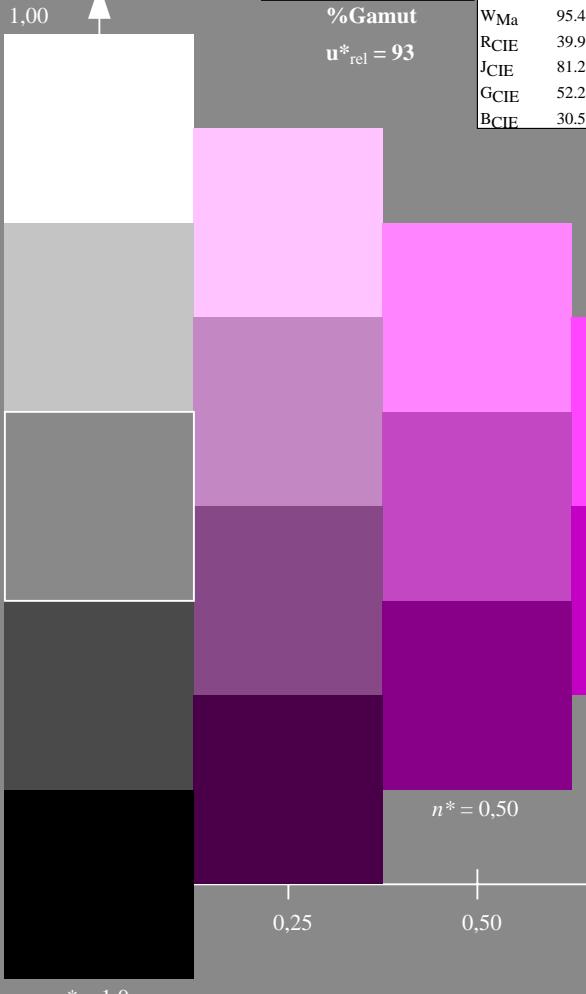
BAM-test chart UE41; Colorimetric systems ORS18 & MRS18a input: $cmy0^* setcmykcolor$
output: $olv^* setrgbcolor / w^* setgray$

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



	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.37	50.52	82.62	38
Y _{Ma}	90.37	-10.27	91.77	92.34	96
L _{Ma}	50.9	-62.79	34.95	71.87	151
C _{Ma}	58.62	-30.35	-45.01	54.3	236
V _{Ma}	25.71	31.11	-44.42	54.24	305
M _{Ma}	48.13	75.27	-8.35	75.73	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.56	25
J _{CIE}	81.26	-2.17	67.76	67.79	92
G _{CIE}	52.23	-42.26	11.75	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.87	271



UE410-7, 5 step scales for constant CIELAB hue 354/360 = 0.982 (left)

BAM-test chart UE41; Colorimetric systems ORS18 & MRS18a input: $cmy0^* \text{ setcmykcolor}$
D65: 5 step colour scales and coordinate data for 10 hues
Output: $olv^* \text{ setrgbcolor} / w^* \text{ setgray}$

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
rgb*Ma: 1.0 0.0 1.0
triangle lightness



	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{Ma}	49.63	66.8	40.02	77.87	31
J _{Ma}	90.7	-7.27	93.19	93.48	94
G _{Ma}	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
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.67	27.97	64.99	25
J _{CIE}	81.26	-2.91	71.56	71.62	92
G _{CIE}	52.23	-42.47	13.58	44.6	162
B _{CIE}	30.57	1.33	-46.48	46.51	272

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

6
8
-8
See for similar files: <http://www.ps.bam.de/UE41/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=0,1, CIEXYZ

Input: Colorimetric Reflective System ORS18

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

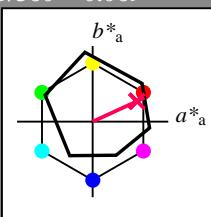
lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 48 75 25

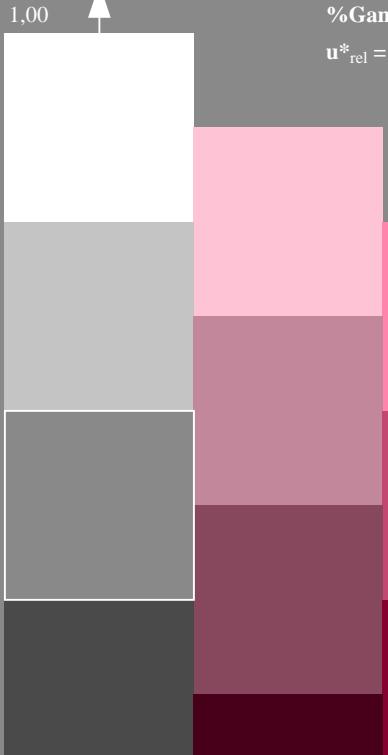
rgb*Ma: 1.0 0.0 0.32

triangle lightness



ORS18; adapted (a) CIELAB data

	$L^*=L_a^*$	a^*_a	b^*_a	$C_{ab,a}^*$	$h_{ab,a}^*$
O _{Ma}	47.94	65.37	50.52	82.62	38
Y _{Ma}	90.37	-10.27	91.77	92.34	96
L _{Ma}	50.9	-62.79	34.95	71.87	151
C _{Ma}	58.62	-30.35	-45.01	54.3	236
V _{Ma}	25.71	31.11	-44.42	54.24	305
M _{Ma}	48.13	75.27	-8.35	75.73	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.56	25
J _{CIE}	81.26	-2.17	67.76	67.79	92
G _{CIE}	52.23	-42.26	11.75	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.87	271



$n^* = 1,0$

$n^* = 0,50$

$n^* = 0,25$

blackness n^*

chromaticness c^*

UE410-7, 5 step scales for constant CIELAB hue 25/360 = 0.069 (left)

BAM-test chart UE41; Colorimetric systems ORS18 & MRS18a input: $cmy0^* \text{ setcmykcolor}$
 D65: 5 step colour scales and coordinate data for 10 hues output: $olv^* \text{ setrgbcolor} / w^* \text{ setgray}$

Output: Colorimetric Reflective System MRS18a

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

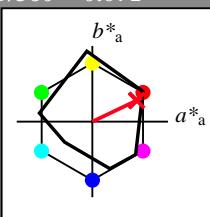
lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

triangle lightness



MRS18a; adapted (a) CIELAB data

	$L^*=L_a^*$	a^*_a	b^*_a	$C_{ab,a}^*$	$h_{ab,a}^*$
R _{Ma}	49.63	66.8	40.02	77.87	31
J _{Ma}	90.7	-7.27	93.19	93.48	94
G _{Ma}	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
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.67	27.97	64.99	25
J _{CIE}	81.26	-2.91	71.56	71.62	92
G _{CIE}	52.23	-42.47	13.58	44.6	162
B _{CIE}	30.57	1.33	-46.48	46.51	272

%Regularity

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

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

%Regularity

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

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

%Regularity

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

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

%Regularity

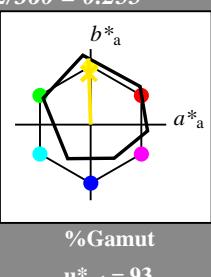
$g^*_{H,\text{rel}} = 42$

$g^*_{C,\text{rel}} = 49$ </

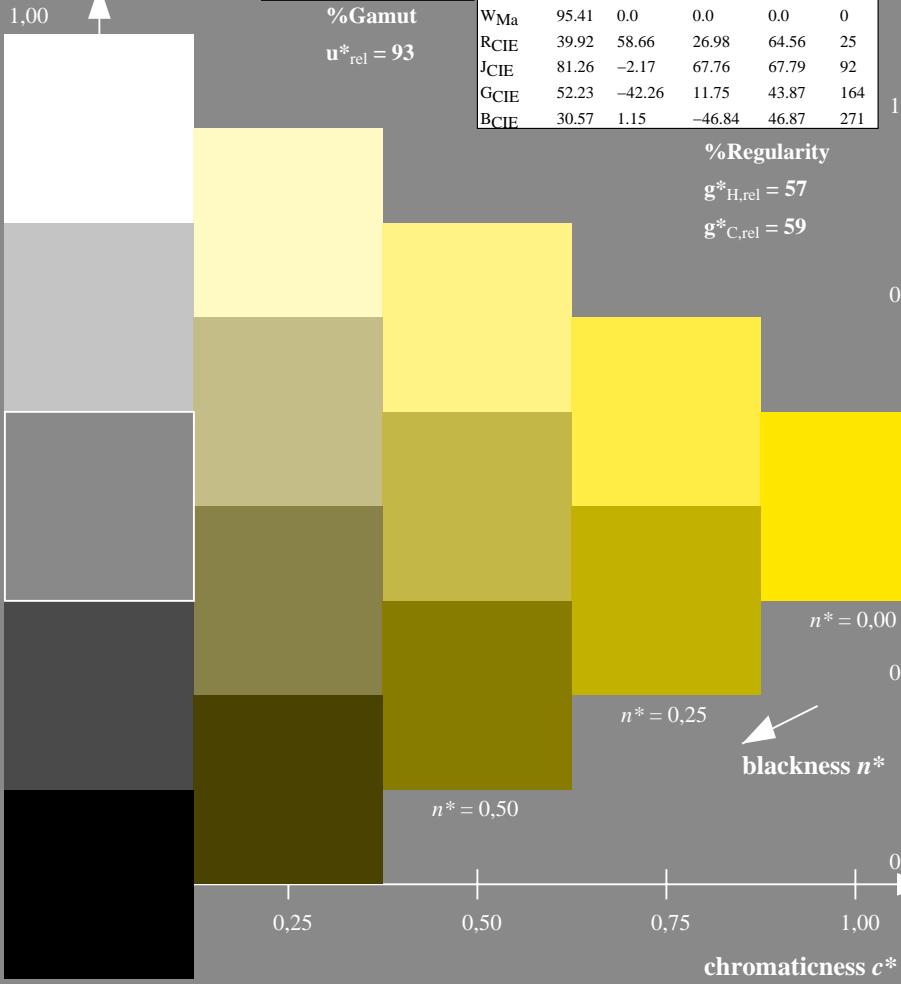
6
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-8
See for similar files: <http://www.ps.bam.de/UE41/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=01, CIEXYZ

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



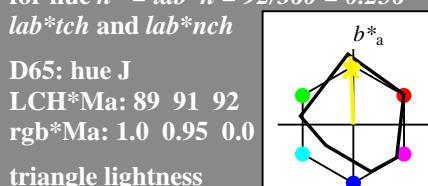
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.37	50.52	82.62	38
Y _{Ma}	90.37	-10.27	91.77	92.34	96
L _{Ma}	50.9	-62.79	34.95	71.87	151
C _{Ma}	58.62	-30.35	-45.01	54.3	236
V _{Ma}	25.71	31.11	-44.42	54.24	305
M _{Ma}	48.13	75.27	-8.35	75.73	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.56	25
J _{CIE}	81.26	-2.17	67.76	67.79	92
G _{CIE}	52.23	-42.26	11.75	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.87	271



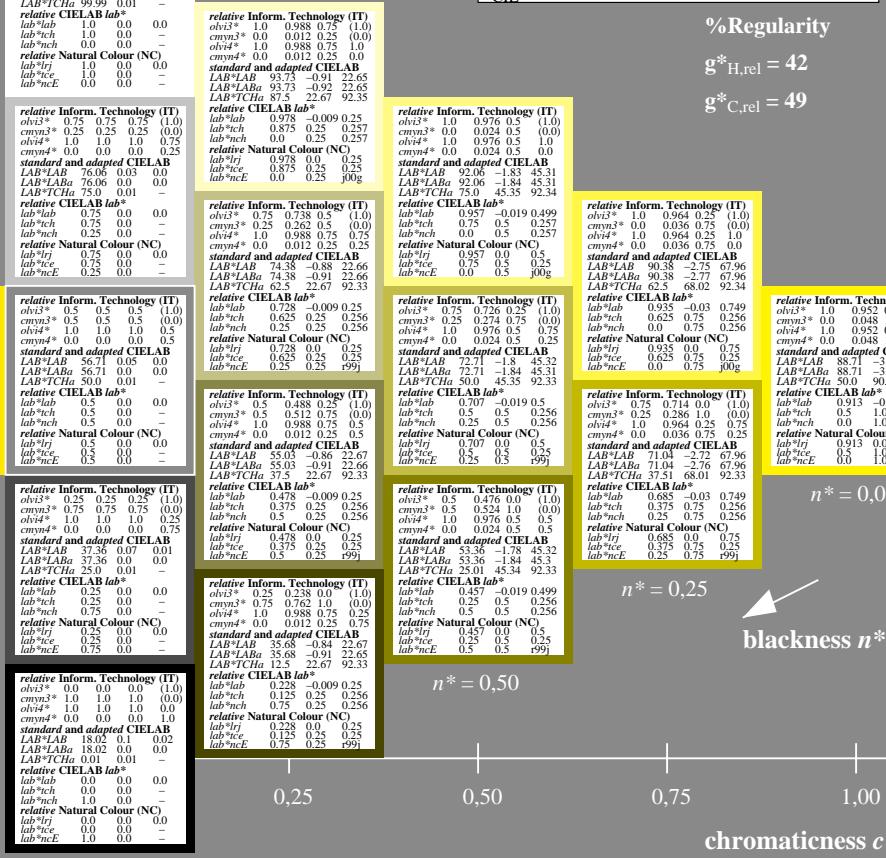
UE410-7, 5 step scales for constant CIELAB hue 92/360 = 0.255 (left)

BAM-test chart UE41; Colorimetric systems ORS18 & MRS18a input: cmy0* setcmykcolor
 D65: 5 step colour scales and coordinate data for 10 hues output: olv* setrgbcolor / w* setgray

Output: Colorimetric Reflective System MRS18a
 for hue $h^* = lab^*h = 92/360 = 0.256$



	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{Ma}	49.63	66.8	40.02	77.87	31
J _{Ma}	90.7	-7.27	93.19	93.48	94
G _{Ma}	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
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.67	27.97	64.99	25
J _{CIE}	81.26	-2.91	71.56	71.62	92
G _{CIE}	52.23	-42.47	13.58	44.6	162
B _{CIE}	30.57	1.33	-46.48	46.51	272



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



www.ps.bam.de/UE41/10L/L41E08FP.PS.PDF; linearized output
F: Output Linearization (OL) data UE41/10L/L41E08FP.DAT in File (F)

Input: Colorimetric Reflective System ORS18

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

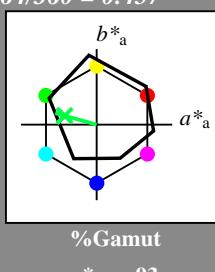
*lab*tch* and *lab*nch*

D65: hue G

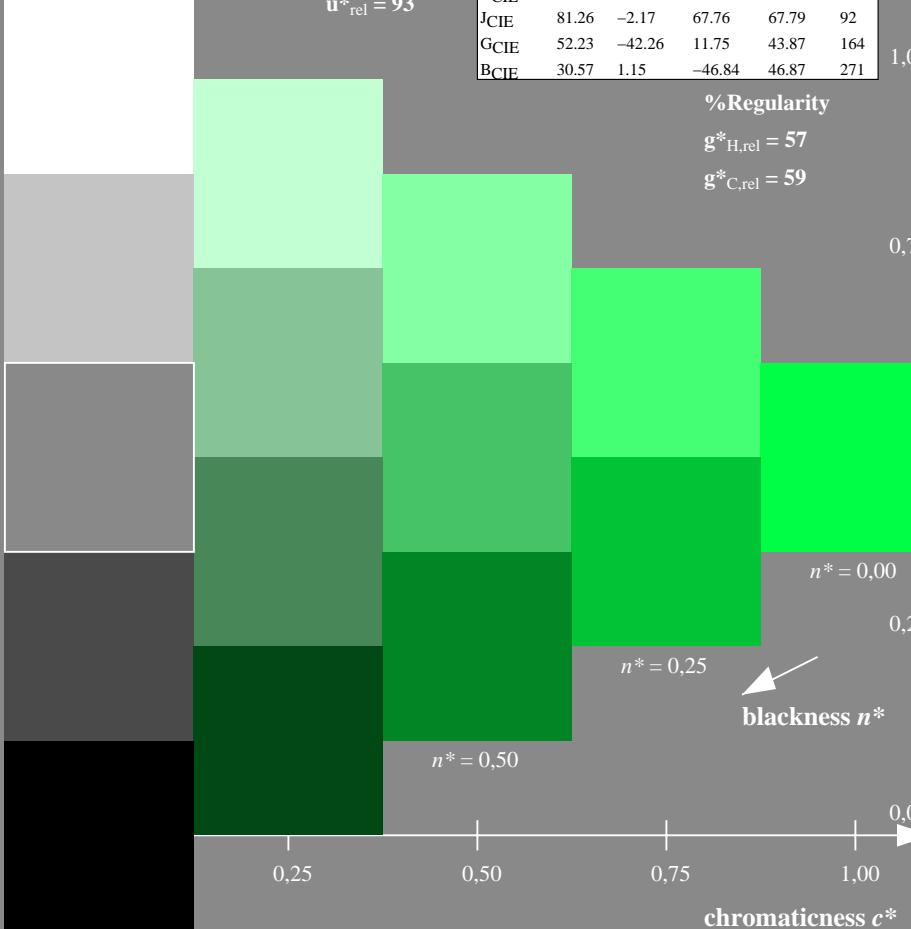
LCH*Ma: 53 57 164

rgb*Ma: 0.0 1.0 0.25

triangle lightning



ORS18; adapted (a) CIELAB data					
	L^*	a^*	b^*	C^*	h^*
	L^*_a	a^*_a	b^*_a	ab_a	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
R _{CIE}	39.92	58.66	26.98	64.56	25
J _{CIE}	81.26	-2.17	67.76	67.79	92
G _{CIE}	52.23	-42.26	11.75	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.87	271



UE410-7 5 step scales for constant CIELAB hue 164/360 = 0.457 (left)

BAM-test chart UE41; Colorimetric systems ORS18 & MRS18a input: $cmy0*$ setcmykcolor
 D65: 5 step colour scales and coordinate data for 10 hues output: $olv*$ setrgbcolor / $w*$ setgray

Output: Colorimetric Reflective System MRS18a

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

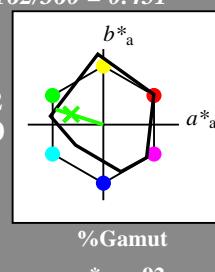
*lab*tch* and *lab*nch*

D65·hue G

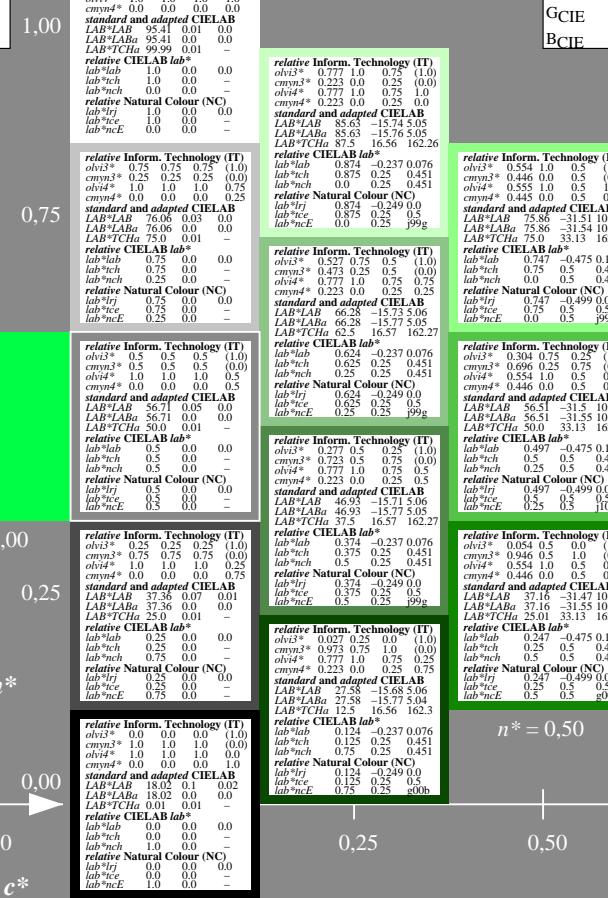
LCH*Ma: 56 66 162

ECH Ma: 50 60 102
rgb*Ma: 0 11 10 0 0

1gb Ma. 0.11 1.0



MRS18a; adapted (a) CIELAB data					
	$L^* = L^*_{\text{a}}$	a^*_{a}	b^*_{a}	$C^*_{\text{ab,a}}$	$h^*_{\text{ab,a}}$
R _{Ma}	49.63	66.8	40.02	77.87	31
J _{Ma}	90.7	-7.27	93.19	93.48	94
G _{Ma}	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
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.67	27.97	64.99	25
J _{CIE}	81.26	-2.91	71.56	71.62	92
G _{CIE}	52.23	-42.47	13.58	44.6	162
B _{CIE}	30.57	1.33	-46.48	46.51	272



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

input: *cmy0** setcmykcolor
output: *obj** setrgbcolor / *w** setgray

BAM registration: 20060101-UE41/10L/L41E08FP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems, Yr=2.5, XYZ
(UE41) Form: 9/10. Serie: 1/1. Page: 9 Page count: 9

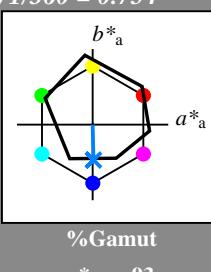
See for similar files: <http://www.ps.bam.de/UE41/>
 Technical information: <http://www.ps.bam.de>

Version 2.1, io=0.1, CIEXYZ

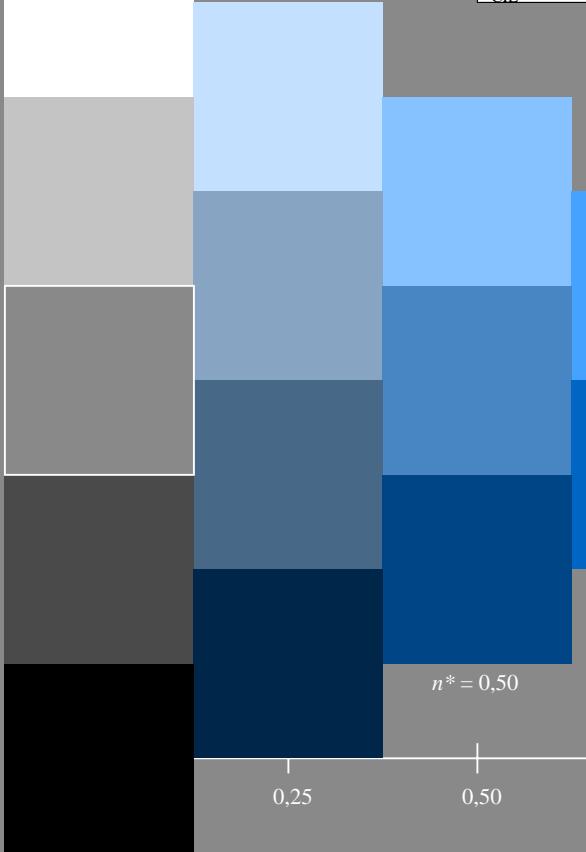
Input: Colorimetric Reflective System ORS18
 for hue $h^* = lab^*h = 271/360 = 0.754$
 lab^*tch and lab^*nch

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

1,00



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



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.37	50.52	82.62	38
Y _{Ma}	90.37	-10.27	91.77	92.34	96
L _{Ma}	50.9	-62.79	34.95	71.87	151
C _{Ma}	58.62	-30.35	-45.01	54.3	236
V _{Ma}	25.71	31.11	-44.42	54.24	305
M _{Ma}	48.13	75.27	-8.35	75.73	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.56	25
J _{CIE}	81.26	-2.17	67.76	67.79	92
G _{CIE}	52.23	-42.26	11.75	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.87	271

%Regularity

$g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

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

chromaticness c^*

$n^* = 1,0$

UE410-7, 5 step scales for constant CIELAB hue 271/360 = 0.754 (left)

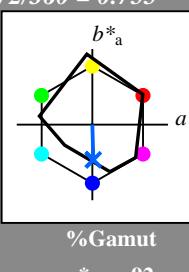
BAM-test chart UE41; Colorimetric systems ORS18 & MRS18a input: $cmy0^* setcmykcolor$
 D65: 5 step colour scales and coordinate data for 10 hues output: $olv^* setrgbcolor / w^* setgray$

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
 rgb*Ma: 0.0 0.36 1.0
 triangle lightness

1,00



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

%Regularity

$g^*_{H,rel} = 42$
 $g^*_{C,rel} = 49$

$n^* = 0,00$

$n^* = 0,25$

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

chromaticness c^*

$n^* = 1,0$

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