

Input: Colorimetric Reflective System MRS18

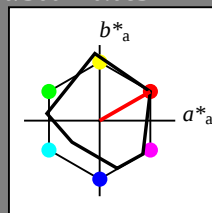
for hue $h^* = lab \cdot h = 30/360 = 0.083$

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

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

triangle lightness

1,00



MRS18; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{Ma}	49.63	66.96	38.37	77.18	30
J _{Ma}	90.7	-6.36	88.75	88.98	94
G _{Ma}	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

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

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

Output: Colorimetric Reflective System NCS11

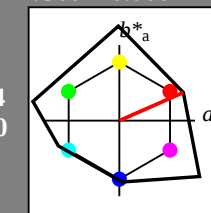
for hue $h^* = lab \cdot h = 24/360 = 0.066$

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

D65: hue R
LCH*Ma: 47 92 24
rgb*Ma: 1.0 0.0 0.0

triangle lightness

1,00

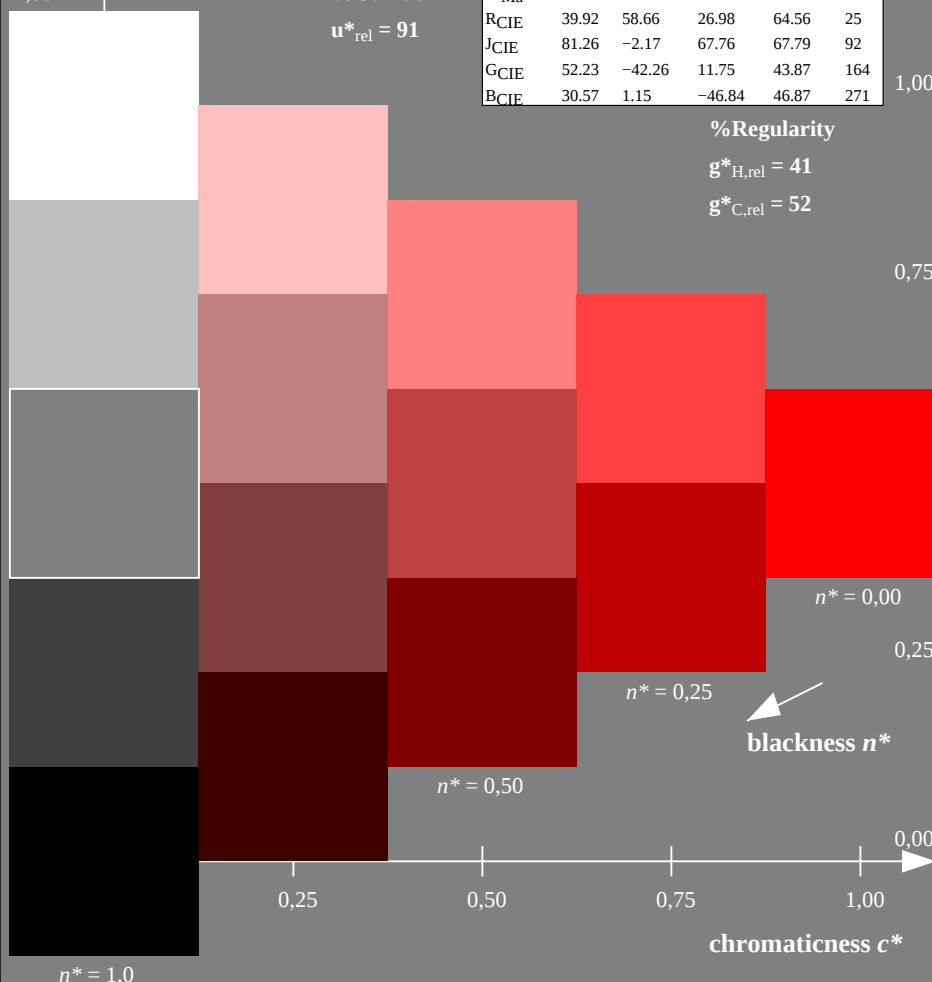


NCS11; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{Ma}	47.15	84.64	37.25	92.48	24
J _{Ma}	91.37	-1.27	125.03	125.03	91
G _{Ma}	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularity

$g^*_{H,rel} = 46$

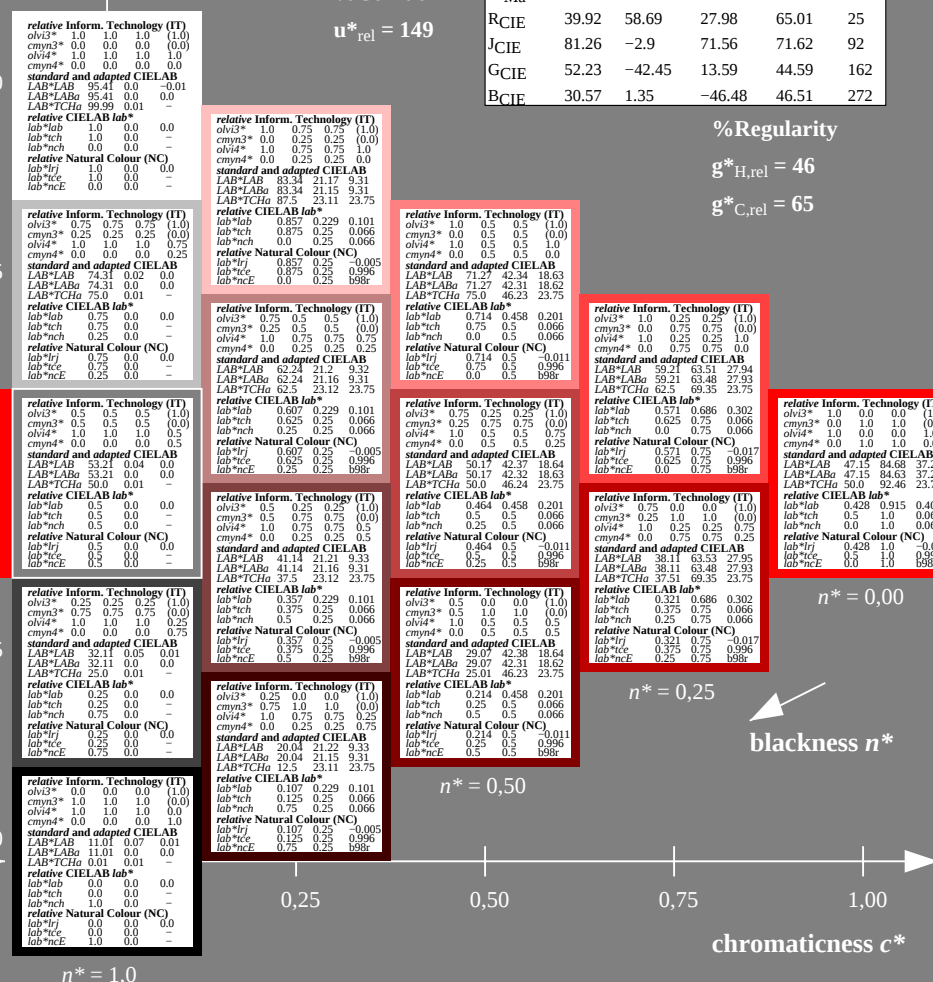
$g^*_{C,rel} = 65$



TE430-7, 5 step scales for constant CIELAB hue 30/360 = 0.083 (left)

BAM-test chart TE43; Colorimetric systems ORS18 & ORS18

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



5 step scales for constant CIELAB hue 24/360 = 0.066 (right)

input: $olv^* \cdot setrgbcolor$

output: Startup (S) data dependend

Input: Colorimetric Reflective System MRS18

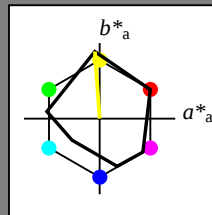
for hue $h^* = lab \cdot h = 94/360 = 0.261$ $lab \cdot tch$ and $lab \cdot nch$

D65: hue J

LCH*Ma: 91 89 94

rgb*Ma: 1.0 1.0 0.0

triangle lightness



MRS18; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

Output: Colorimetric Reflective System NCS11

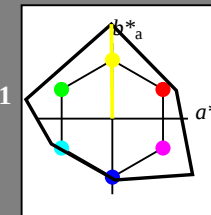
for hue $h^* = lab \cdot h = 91/360 = 0.252$ $lab \cdot tch$ and $lab \cdot nch$

D65: hue J

LCH*Ma: 91 125 91

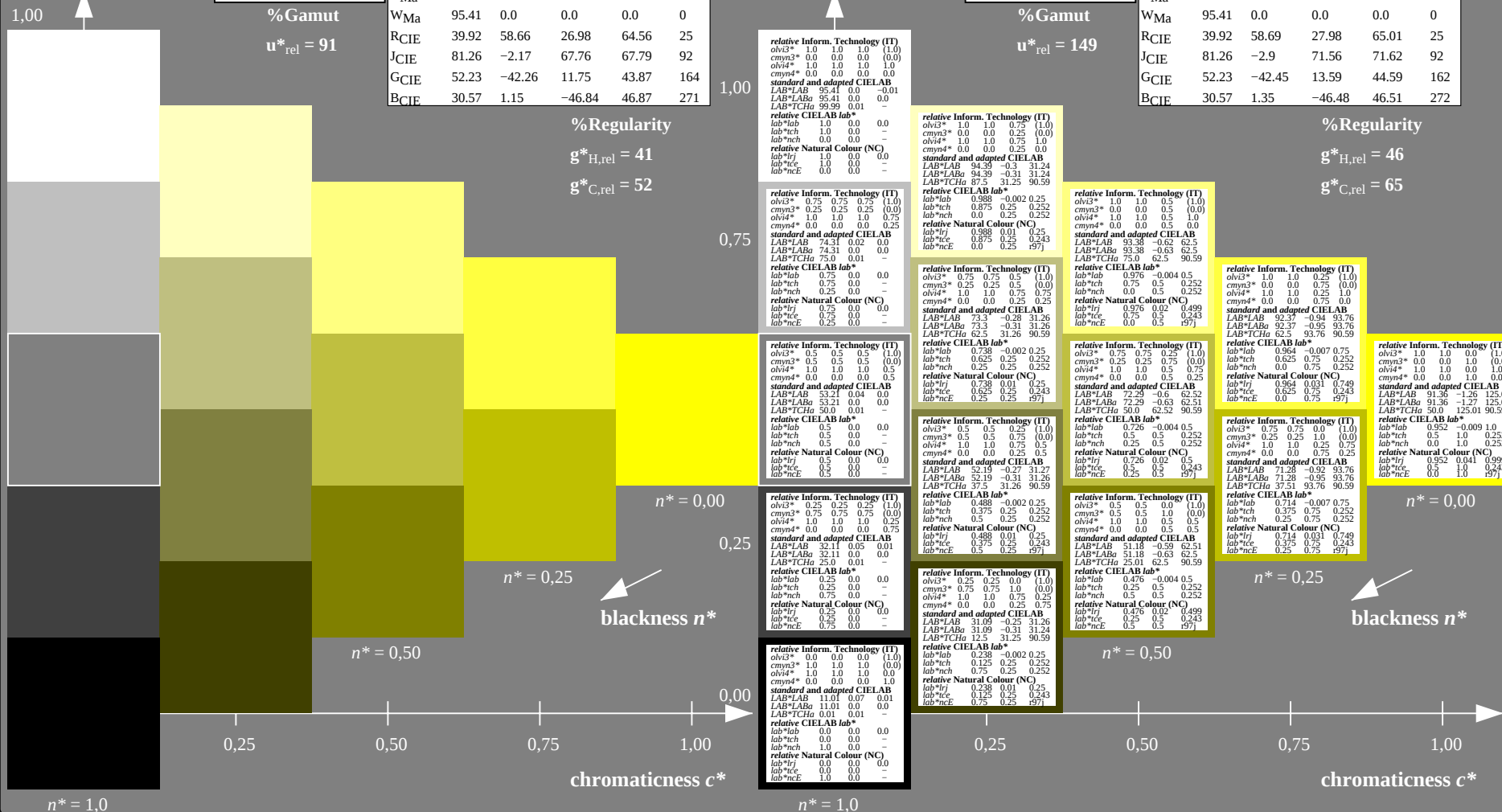
rgb*Ma: 1.0 1.0 0.0

triangle lightness



NCS11; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularity

 $g^*_{H,rel} = 46$ $g^*_{C,rel} = 65$ 

TE430-7, 5 step scales for constant CIELAB hue 94/360 = 0.261 (left)

5 step scales for constant CIELAB hue 91/360 = 0.252 (right)

BAM-test chart TE43; Colorimetric systems ORS18 & ORS18

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

input: $olv^* \cdot setrgbcolor$

output: Startup (S) data dependend

Input: Colorimetric Reflective System MRS18

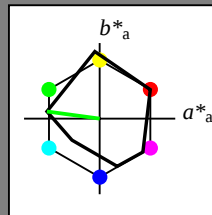
for hue $h^* = \text{lab}^*h = 172/360 = 0.479$ lab^*tch and lab^*nch

D65: hue G

LCH*Ma: 52 70 172

rgb*Ma: 0.0 1.0 0.0

triangle lightness



MRS18; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

Output: Colorimetric Reflective System NCS11

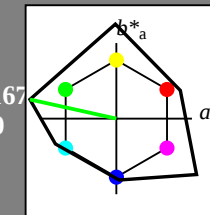
for hue $h^* = \text{lab}^*h = 167/360 = 0.465$ lab^*tch and lab^*nch

D65: hue G

LCH*Ma: 63 117 167

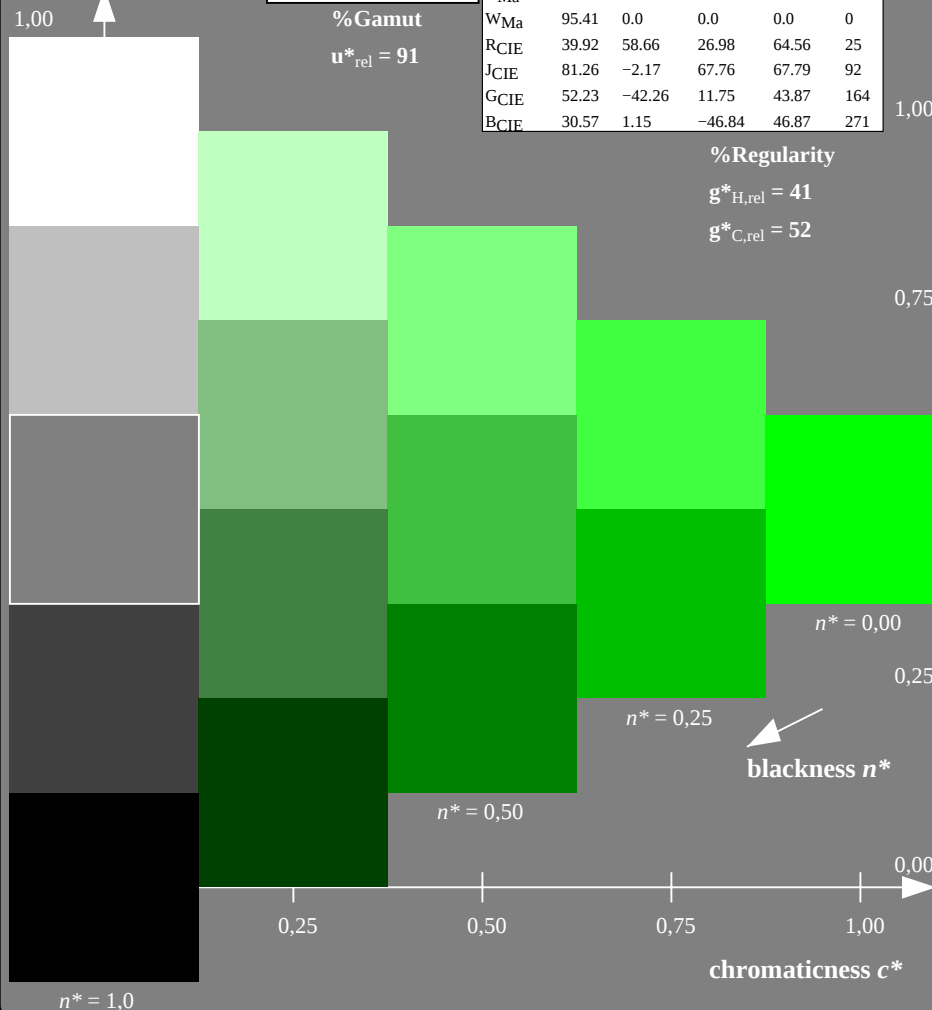
rgb*Ma: 0.0 1.0 0.0

triangle lightness



NCS11; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

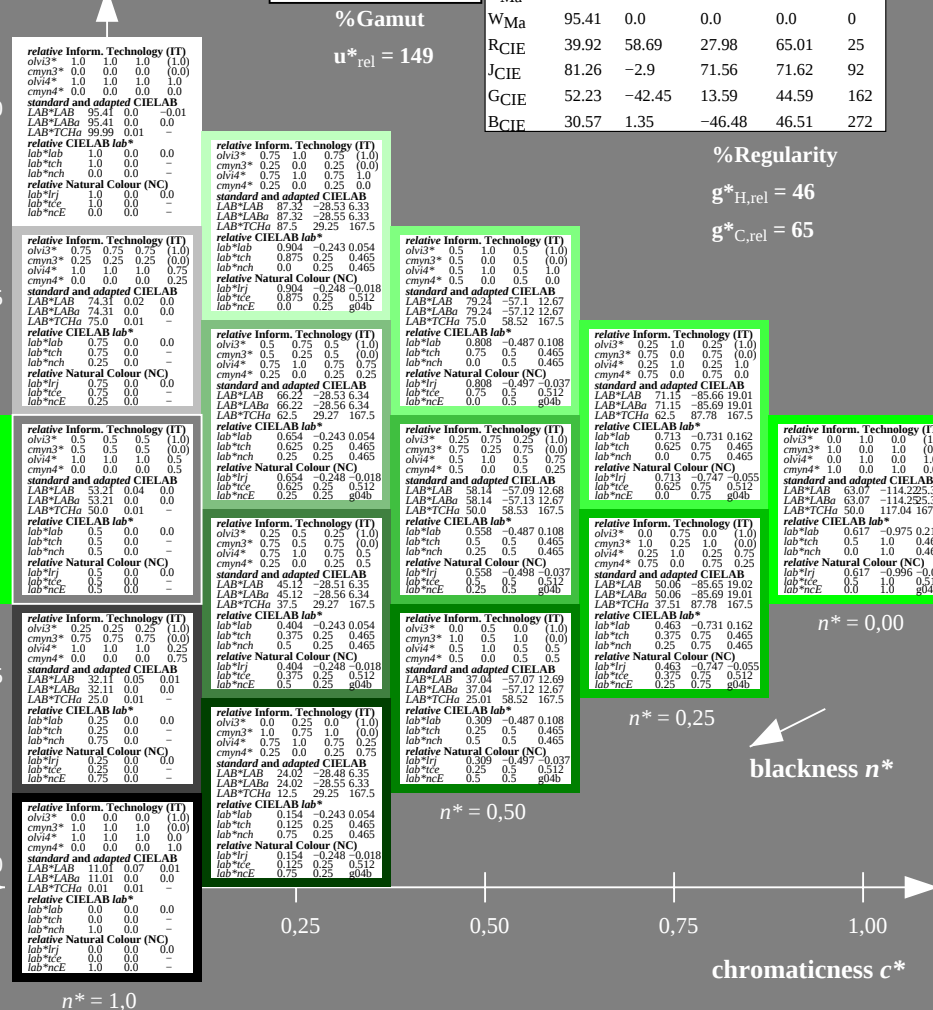
%Regularity

 $g^*_{H,rel} = 46$ $g^*_{C,rel} = 65$ 

TE430-7, 5 step scales for constant CIELAB hue 172/360 = 0.479 (left)

BAM-test chart TE43; Colorimetric systems ORS18 & ORS18

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



5 step scales for constant CIELAB hue 167/360 = 0.465 (right)

input: $\text{olv}^* \text{setrgbcolor}$

output: Startup (S) data dependent

Input: Colorimetric Reflective System MRS18

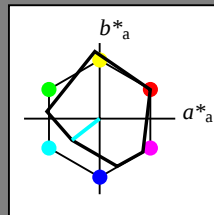
for hue $h^* = lab \cdot h = 218/360 = 0.605$ $lab \cdot tch$ and $lab \cdot nch$

D65: hue G50B

LCH*Ma: 45 46 218

rgb*Ma: 0.0 1.0 1.0

triangle lightness



MRS18; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ chromaticness c^*

TE430-7, 5 step scales for constant CIELAB hue 218/360 = 0.605 (left)



BAM-test chart TE43; Colorimetric systems ORS18 & ORS18

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

Output: Colorimetric Reflective System NCS11

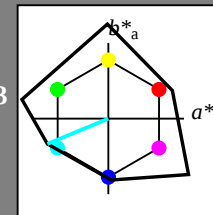
for hue $h^* = lab \cdot h = 203/360 = 0.563$ $lab \cdot tch$ and $lab \cdot nch$

D65: hue G50B

LCH*Ma: 59 87 203

rgb*Ma: 0.0 1.0 1.0

triangle lightness



NCS11; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	h^*_{ab}
R _{Ma}	47.15	84.64	37.25	92.48	24
J _{Ma}	91.37	-1.27	125.03	125.03	91
G _{Ma}	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.69	27.98	65.01	25
J _{CIE}	81.26	-2.9	71.56	71.62	92
G _{CIE}	52.23	-42.45	13.59	44.59	162
B _{CIE}	30.57	1.35	-46.48	46.51	272

%Regularity

 $g^*_{H,rel} = 46$ $g^*_{C,rel} = 65$

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ chromaticness c^*

5 step scales for constant CIELAB hue 203/360 = 0.563 (right)

input: $olv^* \cdot setrgbcolor$

output: Startup (S) data dependend

Input: Colorimetric Reflective System MRS18

for hue $h^* = lab^*h = 322/360 = 0.895$

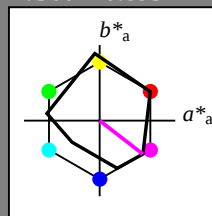
lab*tch and lab*nch

D65: hue B50R

LCH*Ma: 35 72 322

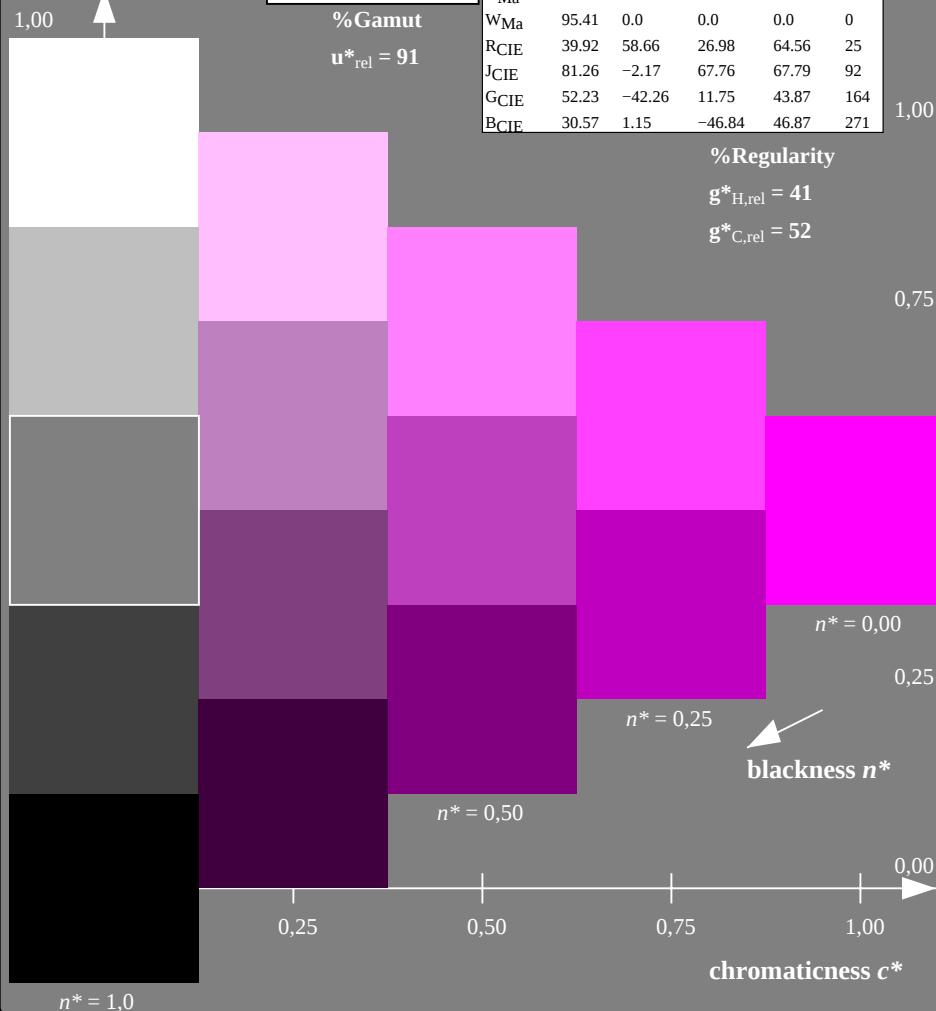
rgb*Ma: 1.0 0.0 1.0

triangle lightness


$$\mathbf{u}_{\text{rel}}^* = 91$$

MRS18; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{Ma}	49.63	66.96	38.37	77.18	30
J _{Ma}	90.7	-6.36	88.75	88.98	94
G _{Ma}	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.56	25
J _{CIE}	81.26	-2.17	67.76	67.79	92
G _{CIE}	52.23	-42.26	11.75	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.87	271

%Regularity

$$g^*_{H,rel} = 41$$
$$g^*_{C,rel} = 52$$


TE430-7, 5 step scales for constant CIELAB hue 322/360 = 0.895 (left)

BAM-test chart TE43; Colorimetric systems ORS18 & ORS18

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

Output: Colorimetric Reflective System NCS11

for hue $h^* = lab^*h = 325/360 = 0.903$

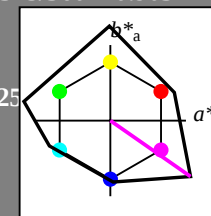
*lab*tch* and *lab*nch*

D65: hue B50R

LCH*Ma: 44 129 325

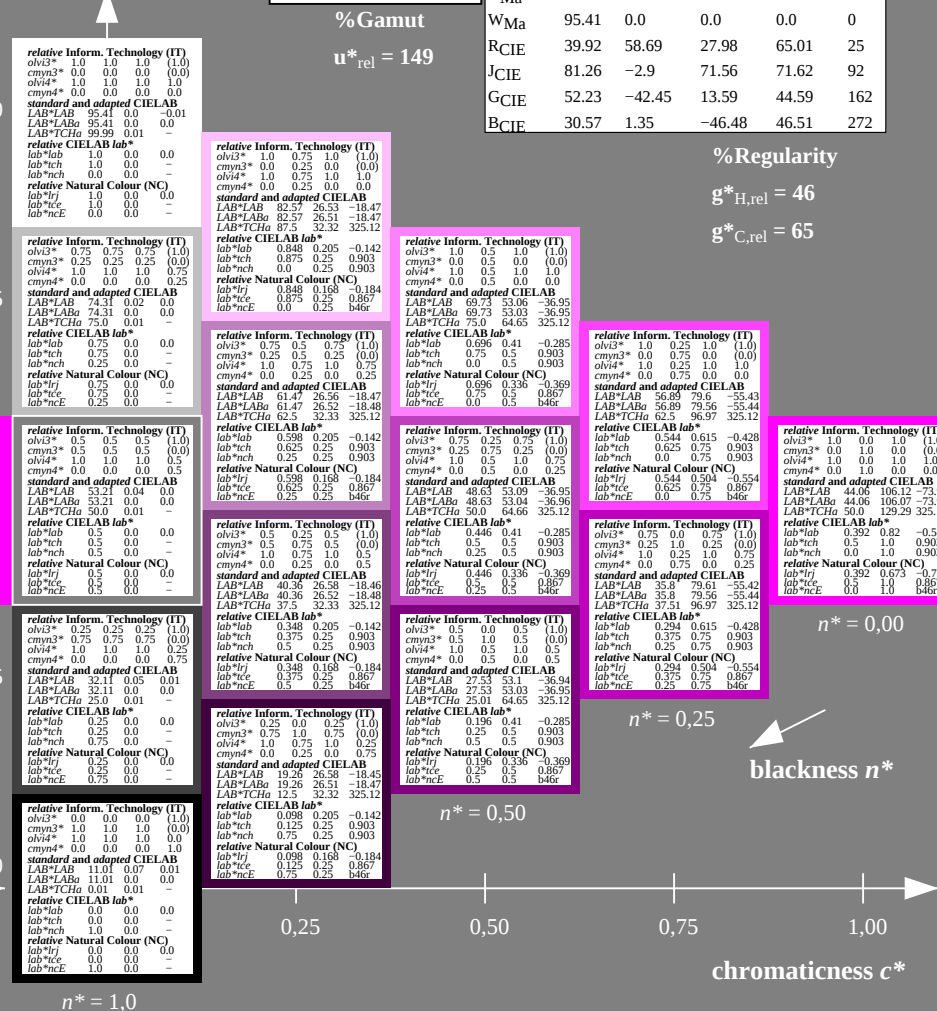
rgb*Ma: 1.0 0.0 1.0

triangle lightness


$$\mathbf{u}_{\text{rel}}^* = 149$$

NCS11; adapted (a) CIELAB data						
	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
R _{Ma}	47.15	84.64	37.25	92.48	24	
J _{Ma}	91.37	-1.27	125.03	125.03	91	
G _{Ma}	63.07	-114.28	25.35	117.06	167	
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203	
B _{Ma}	49.01	3.65	-81.19	81.28	273	
B50R _{Ma}	44.06	106.09	-73.93	129.32	325	
N _{Ma}	10.99	0.0	0.0	0.0	0	
W _{Ma}	95.41	0.0	0.0	0.0	0	
R _{CIE}	39.92	58.69	27.98	65.01	25	
J _{CIE}	81.26	-2.9	71.56	71.62	92	
G _{CIE}	52.23	-42.45	13.59	44.59	162	
B _{CIE}	30.57	1.35	-46.48	46.51	272	

%Regularity

$$g_{H,rel}^* = 46$$
$$g^*_{C,rel} = 65$$


5 step scales for constant CIELAB hue 325/360 = 0.903 (right)

input: *olv** *setrgbcolor*

output: *Startup (S) data dependend*

Input: Colorimetric Reflective System MRS18

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

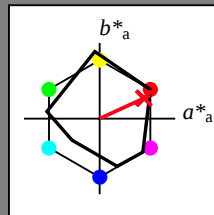
D65: hue R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

triangle lightness

1,00



%Gamut

 $u^*_{rel} = 91$

MRS18; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

Output: Colorimetric Reflective System NCS11

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

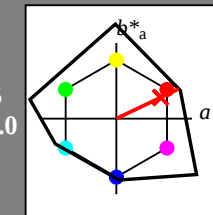
D65: hue R

LCH*Ma: 48 91 25

rgb*Ma: 1.0 0.02 0.0

triangle lightness

1,00



%Gamut

 $u^*_{rel} = 149$

NCS11; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularity

 $g^*_{H,rel} = 46$ $g^*_{C,rel} = 65$

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	1.0	1.0
cmyn3*	0.0	0.0	0.0	0.0	0.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	95.41	0.0	-0.01	-
LAB*LAB	95.41	0.0	0.0	-	-
LAB*TCh	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*trj	1.0	0.0	0.0	-	-
lab*tch	0.0	0.0	0.0	-	-
lab*nch	0.0	0.0	0.0	-	-

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	1.0	1.0
cmyn3*	0.25	0.25	0.25	0.0	0.0
olvi4*	1.0	1.0	1.0	0.75	0.75
cmyn4*	0.0	0.0	0.0	0.25	0.25
standard and adapted CIELAB	LAB*LAB	74.31	0.02	0.0	-
LAB*LAB	74.31	0.02	0.0	-	-
LAB*TCh	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*trj	0.75	0.0	0.0	-	-
lab*tch	0.25	0.0	0.0	-	-
lab*nch	0.25	0.0	0.0	-	-

relative Inform. Technology (IT)					
olvi3*	0.51	0.51	0.51	1.0	1.0
cmyn3*	0.5	0.5	0.5	0.0	0.0
olvi4*	1.0	1.0	1.0	0.5	0.5
cmyn4*	0.0	0.0	0.0	0.5	0.5
standard and adapted CIELAB	LAB*LAB	53.21	0.04	0.0	-
LAB*LAB	53.21	0.04	0.0	-	-
LAB*TCh	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	0.0	0.0	0.0	-	-
relative Natural Colour (NC)	lab*trj	0.5	0.0	0.0	-
lab*trj	0.5	0.0	0.0	-	-
lab*tch	0.0	0.0	0.0	-	-
lab*nch	0.0	0.0	0.0	-	-

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	1.0	1.0
cmyn3*	0.75	0.75	0.75	0.0	0.0
olvi4*	1.0	1.0	1.0	0.25	0.25
cmyn4*	0.0	0.0	0.0	0.75	0.75
standard and adapted CIELAB	LAB*LAB	32.11	0.05	0.01	-
LAB*LAB	32.11	0.05	0.01	-	-
LAB*TCh	25.0	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	0.75	0.0	0.0	-	-
relative Natural Colour (NC)	lab*trj	0.25	0.0	0.0	-
lab*trj	0.25	0.0	0.0	-	-
lab*tch	0.75	0.0	0.0	-	-
lab*nch	0.75	0.0	0.0	-	-

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	1.0	1.0
cmyn3*	1.0	1.0	1.0	0.0	0.0
olvi4*	1.0	1.0	1.0	0.0	0.0
cmyn4*	0.0	0.0	0.0	1.0	1.0
standard and adapted CIELAB	LAB*LAB	11.01	0.07	0.01	-
LAB*LAB	11.01	0.07	0.01	-	-
LAB*TCh	0.01	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	1.0	0.0	0.0	-	-
relative Natural Colour (NC)	lab*trj	0.0	0.0	0.0	-
lab*trj	0.0	0.0	0.0	-	-
lab*tch	0.0	0.0	0.0	-	-
lab*nch	1.0	0.0	0.0	-	-

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

TE430-7, 5 step scales for constant CIELAB hue 25/360 = 0.069 (left)

BAM-test chart TE43; Colorimetric systems ORS18 & ORS18

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

input: $olv^* \cdot setrgbcolor$

output: Startup (S) data dependend

Input: Colorimetric Reflective System MRS18

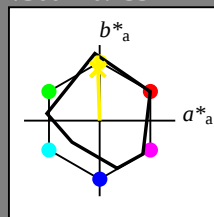
for hue $h^* = lab \cdot h = 92/360 = 0.255$ $lab \cdot tch$ and $lab \cdot nch$

D65: hue J

LCH*Ma: 89 86 92

rgb*Ma: 1.0 0.95 0.0

triangle lightness



%Gamut

 $u^*_{rel} = 91$

MRS18; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{Ma}	49.63	66.96	38.37	77.18	30
J _{Ma}	90.7	-6.36	88.75	88.98	94
G _{Ma}	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

Output: Colorimetric Reflective System NCS11

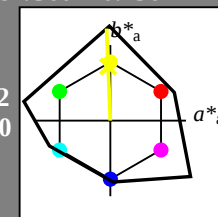
for hue $h^* = lab \cdot h = 92/360 = 0.256$ $lab \cdot tch$ and $lab \cdot nch$

D65: hue J

LCH*Ma: 90 122 92

rgb*Ma: 0.97 1.0 0.0

triangle lightness

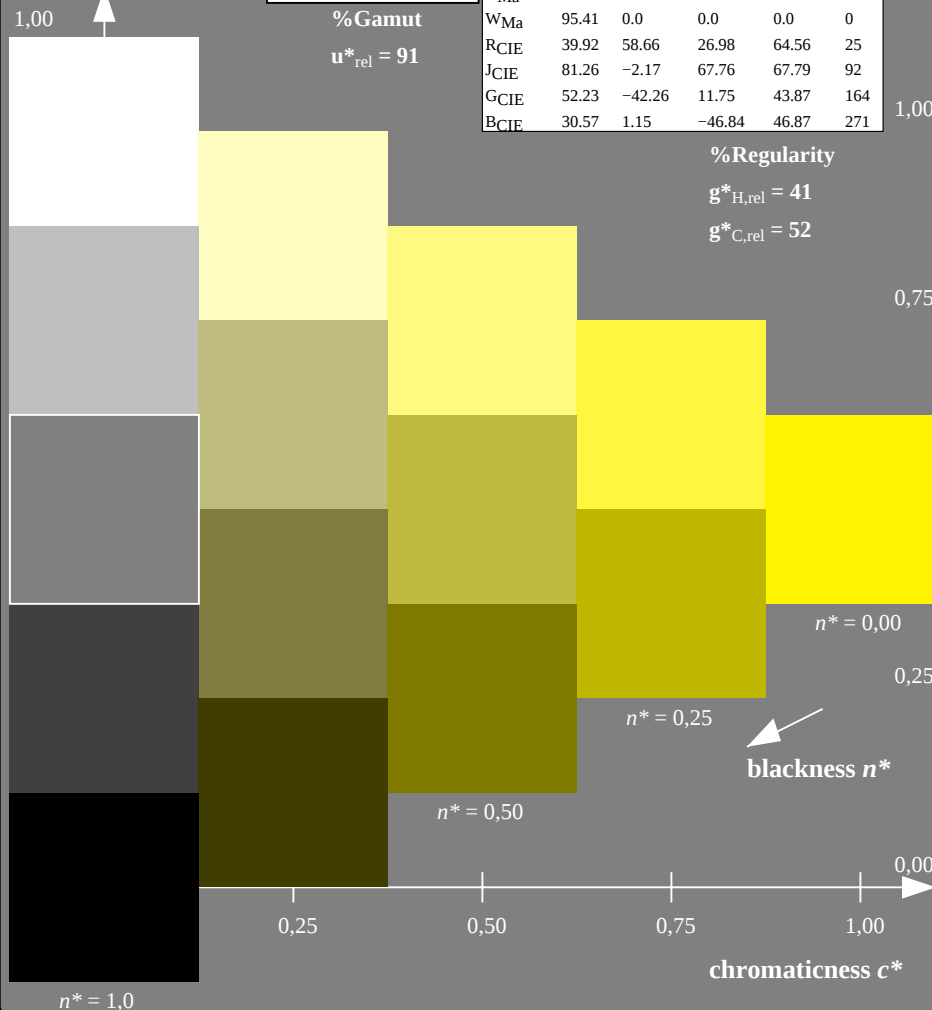


%Gamut

 $u^*_{rel} = 149$

NCS11; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{Ma}	47.15	84.64	37.25	92.48	24
J _{Ma}	91.37	-1.27	125.03	125.03	91
G _{Ma}	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

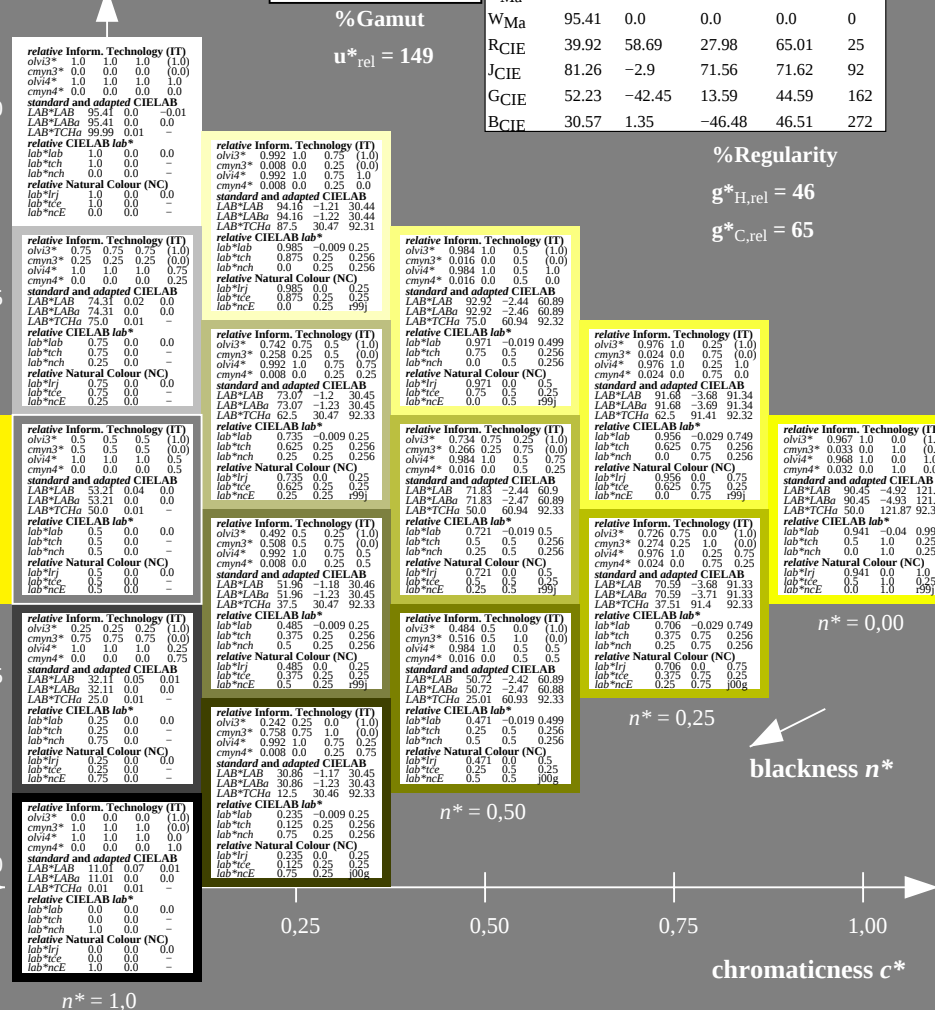
%Regularity

 $g^*_{H,rel} = 46$ $g^*_{C,rel} = 65$ 

TE430-7, 5 step scales for constant CIELAB hue 92/360 = 0.255 (left)

BAM-test chart TE43; Colorimetric systems ORS18 & ORS18

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



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

input: $olv^* \cdot setrgbcolor$

output: Startup (S) data dependend

Input: Colorimetric Reflective System MRS18

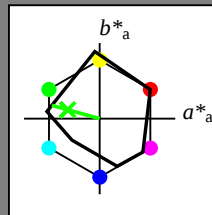
for hue $h^* = lab \cdot h = 164/360 = 0.457$ $lab \cdot tch$ and $lab \cdot nch$

D65: hue G

LCH*Ma: 56 66 164

rgb*Ma: 0.1 1.0 0.0

triangle lightness



MRS18; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{Ma}	49.63	66.96	38.37	77.18	30
J _{Ma}	90.7	-6.36	88.75	88.98	94
G _{Ma}	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

Output: Colorimetric Reflective System NCS11

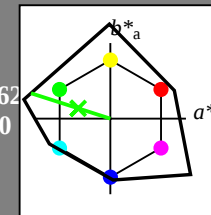
for hue $h^* = lab \cdot h = 162/360 = 0.451$ $lab \cdot tch$ and $lab \cdot nch$

D65: hue G

LCH*Ma: 65 110 162

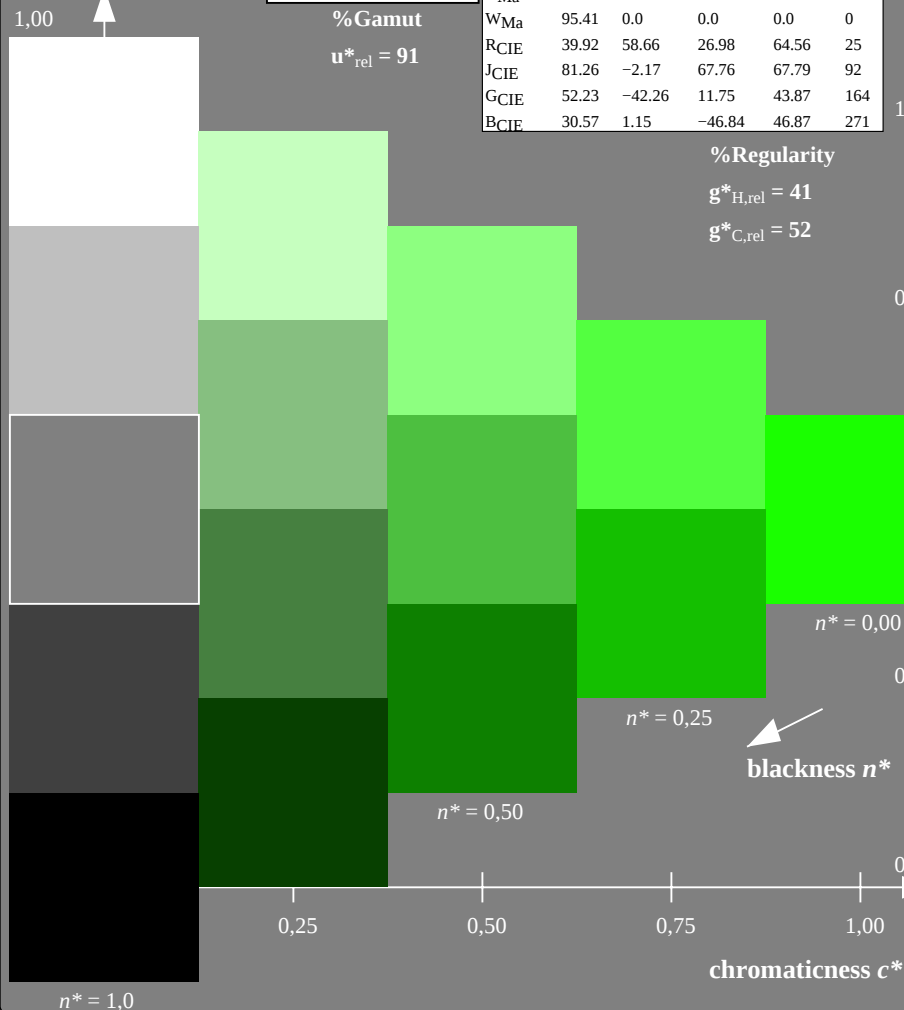
rgb*Ma: 0.08 1.0 0.0

triangle lightness



NCS11; adapted (a) CIELAB data						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
*a	R _{Ma}	47.15	84.64	37.25	92.48	24
	J _{Ma}	91.37	-1.27	125.03	125.03	91
	G _{Ma}	63.07	-114.28	25.35	117.06	167
	G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
	B _{Ma}	49.01	3.65	-81.19	81.28	273
	B50R _{Ma}	44.06	106.09	-73.93	129.32	325
	N _{Ma}	10.99	0.0	0.0	0.0	0
	W _{Ma}	95.41	0.0	0.0	0.0	0
	R _{CIE}	39.92	58.69	27.98	65.01	25
	J _{CIE}	81.26	-2.9	71.56	71.62	92
G _{CIE}	52.23	-42.45	13.59	44.59	162	
B _{CIE}	30.57	1.35	-46.48	46.51	272	

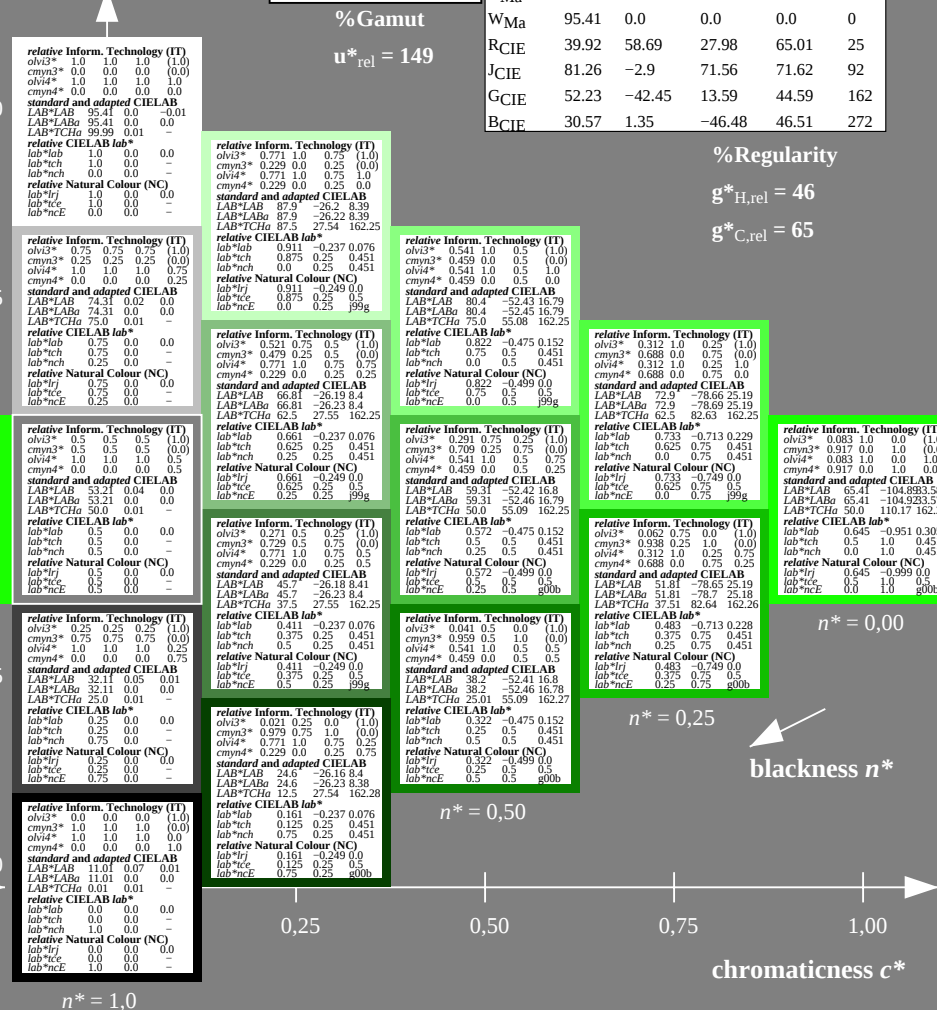
%Regularity

 $g^*_{H,rel} = 46$ $g^*_{C,rel} = 65$ 

TE430-7, 5 step scales for constant CIELAB hue 164/360 = 0.457 (left)

BAM-test chart TE43; Colorimetric systems ORS18 & ORS18

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



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

input: $olv^* \cdot setrgbcolor$

output: Startup (S) data dependend

Input: Colorimetric Reflective System MRS18

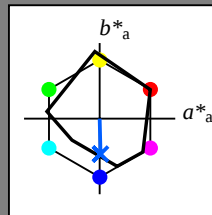
for hue $h^* = \text{lab}^*h = 271/360 = 0.754$ lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 40 50 271

rgb*Ma: 0.0 0.37 1.0

triangle lightness



MRS18; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

Output: Colorimetric Reflective System NCS11

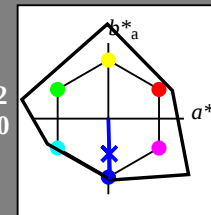
for hue $h^* = \text{lab}^*h = 272/360 = 0.755$ lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 49 80 272

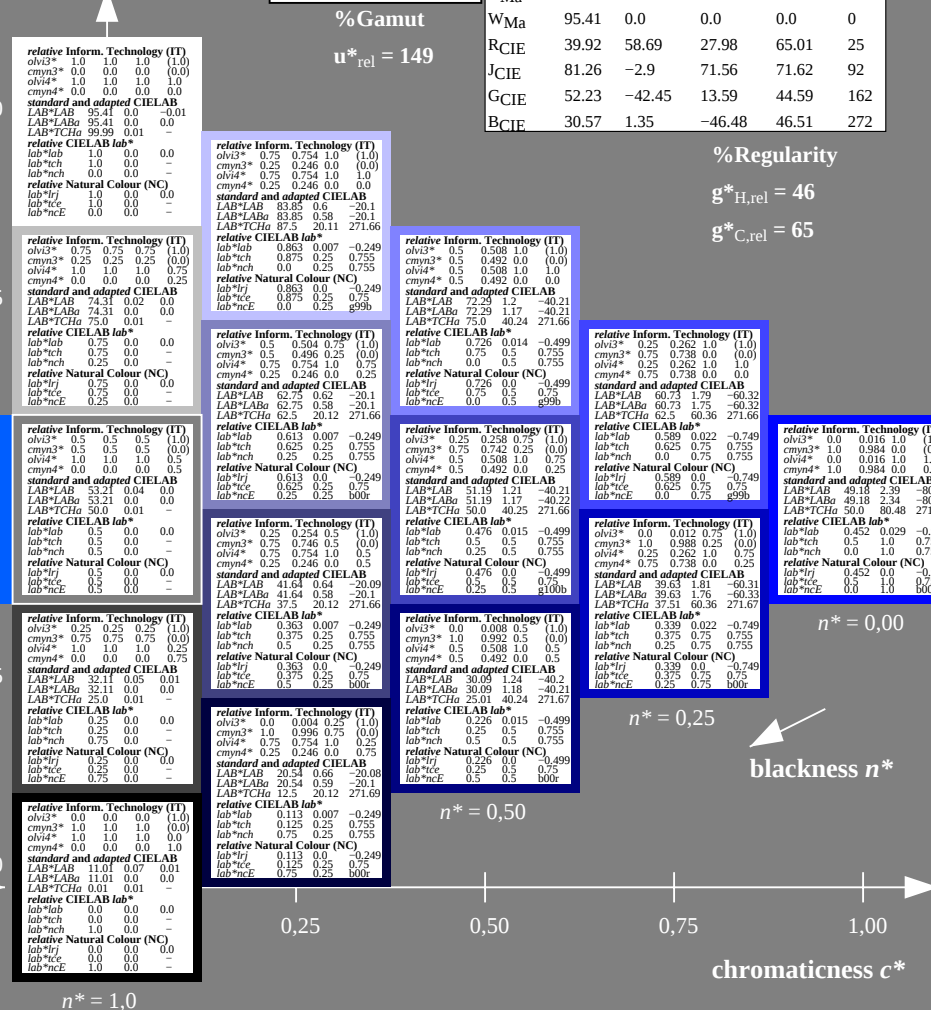
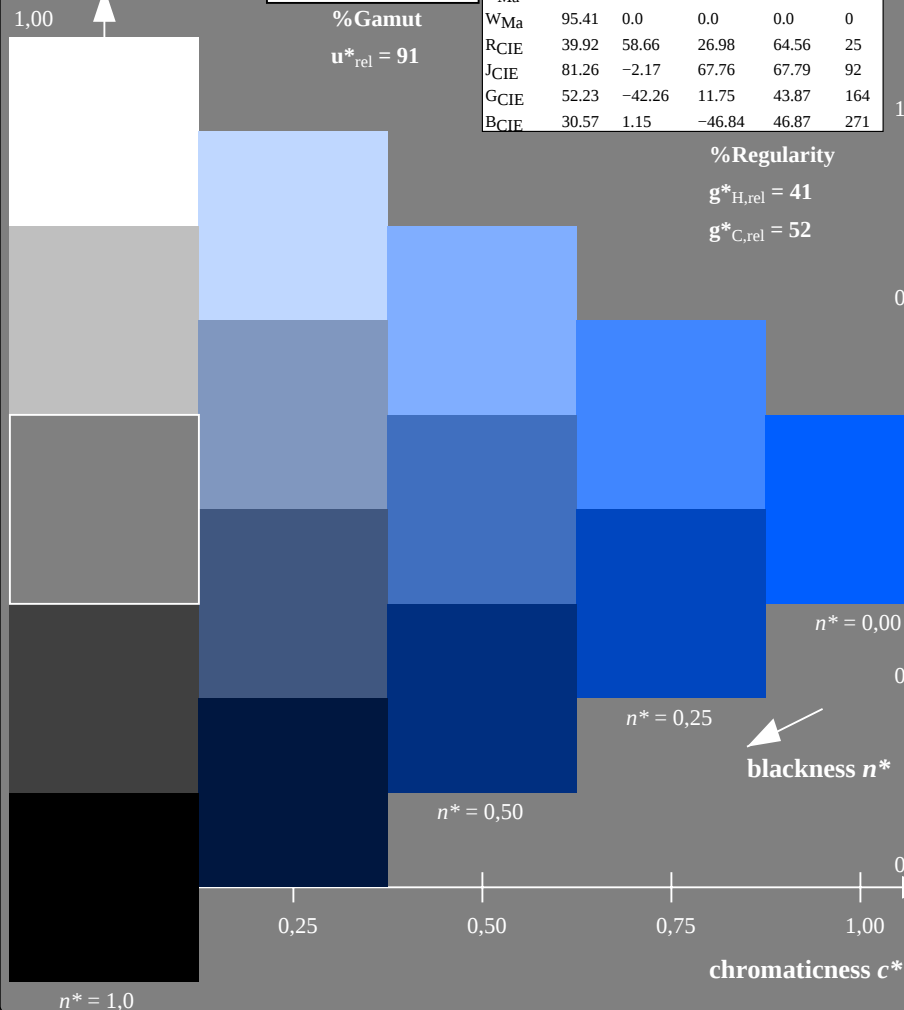
rgb*Ma: 0.0 0.02 1.0

triangle lightness



NCS11; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularity

 $g^*_{H,rel} = 46$ $g^*_{C,rel} = 65$ 

TE430-7, 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 TE43; Colorimetric systems ORS18 & ORS18

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

input: $\text{olv}^* \text{setrgbcolor}$

output: Startup (S) data dependent