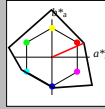


Input: Colorimetric Reflective System NCS11
for hue $h^* = lab^*h = 24/360 = 0.066$
 lab^*tch and lab^*nch

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

triangle lightness t^*



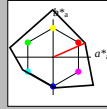
%Gamut
 $u^*_{rel} = 149$
%Regularity
 $g^*_{H,rel} = 46$
 $g^*_{C,rel} = 65$

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
G50BMa	59.47	-80.6	-33.45	87.28	203
BMa	49.01	3.65	-81.19	81.28	273
B50RMa	44.06	106.09	-73.93	129.32	325
NMa	10.99	0.0	0.0	0.0	0
WMa	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

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relative Inform. Technology (IT)
 $olw3^* = 1.0$ 1.0 1.0 (1.0)
 $cmyn3^* = 0.0$ 0.0 0.0 (0.0)
 $olw4^* = 1.0$ 1.0 1.0 (1.0)
 $cmyn4^* = 0.0$ 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 -0.01
LAB*Labo 95.41 0.0 0.0
LAB*TCHe 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)
 $lab^*trj = 1.0$ 0.0 0.0
 $lab^*tce = 1.0$ 0.0 -
 $lab^*nce = 0.0$ 0.0 -

relative Inform. Technology (IT)
 $olw3^* = 0.5$ 0.5 0.5 (1.0)
 $cmyn3^* = 0.5$ 0.5 0.5 (0.0)
 $olw4^* = 1.0$ 1.0 1.0 (1.0)
 $cmyn4^* = 0.0$ 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.21 0.04 0.0
LAB*Labo 53.21 0.0 0.0
LAB*TCHe 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)
 $lab^*trj = 0.5$ 0.0 0.0
 $lab^*tce = 0.5$ 0.0 -
 $lab^*nce = 0.5$ 0.0 -

relative Inform. Technology (IT)
 $olw3^* = 0.0$ 0.0 0.0 (1.0)
 $cmyn3^* = 1.0$ 1.0 1.0 (0.0)
 $olw4^* = 1.0$ 1.0 1.0 (1.0)
 $cmyn4^* = 0.0$ 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Labo 11.01 0.0 0.0
LAB*TCHe 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)
 $lab^*trj = 0.0$ 0.0 0.0
 $lab^*tce = 0.0$ 0.0 -
 $lab^*nce = 1.0$ 0.0 -

relative Inform. Technology (IT)
 $olw3^* = 1.0$ 0.5 0.5 (1.0)
 $cmyn3^* = 0.0$ 0.5 0.5 (0.0)
 $olw4^* = 1.0$ 0.5 0.5 (1.0)
 $cmyn4^* = 0.0$ 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 71.27 42.34 18.63
LAB*Labo 71.27 42.31 18.62
LAB*TCHe 75.0 46.23 23.75

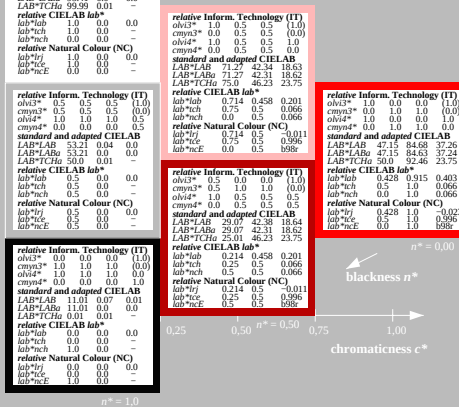
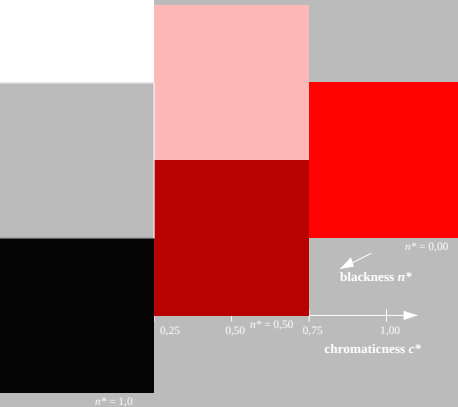
relative CIELAB lab*
 $lab^*lab = 0.714$ 0.458 0.201
 $lab^*tch = 0.75$ 0.5 0.066
 $lab^*nch = 0.0$ 0.5 0.066
relative Natural Colour (NC)
 $lab^*trj = 0.714$ 0.5 -0.011
 $lab^*tce = 0.75$ 0.5 0.996
 $lab^*nce = 0.0$ 0.5 0.998

relative Inform. Technology (IT)
 $olw3^* = 0.5$ 0.0 0.0 (1.0)
 $cmyn3^* = 0.5$ 1.0 1.0 (0.0)
 $olw4^* = 1.0$ 0.5 0.5 (1.0)
 $cmyn4^* = 0.0$ 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 29.07 42.38 18.64
LAB*Labo 29.07 42.31 18.62
LAB*TCHe 25.01 46.23 23.75

relative CIELAB lab*
 $lab^*lab = 0.214$ 0.458 0.201
 $lab^*tch = 0.25$ 0.5 0.066
 $lab^*nch = 0.5$ 1.0 0.066
relative Natural Colour (NC)
 $lab^*trj = 0.214$ 0.5 -0.011
 $lab^*tce = 0.25$ 0.5 0.996
 $lab^*nce = 0.5$ 0.5 0.998

relative Inform. Technology (IT)
 $olw3^* = 1.0$ 1.0 1.0 (1.0)
 $cmyn3^* = 0.0$ 1.0 1.0 (0.0)
 $olw4^* = 1.0$ 0.0 0.0 (1.0)
 $cmyn4^* = 0.0$ 1.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.15 84.68 37.26
LAB*Labo 47.15 84.63 37.24
LAB*TCHe 50.0 92.46 23.75

relative CIELAB lab*
 $lab^*lab = 0.428$ 0.915 0.403
 $lab^*tch = 0.428$ 1.0 -0.023
 $lab^*nch = 0.0$ 1.0 0.996
relative Natural Colour (NC)
 $lab^*trj = 0.428$ 1.0 -0.023
 $lab^*tce = 0.5$ 1.0 0.996
 $lab^*nce = 0.0$ 1.0 0.998



UE090-7, 3 step scales for constant CIELAB hue 24/360 = 0.066 (left)

BAM-test chart UE09; Colorimetric systems NCS11a & NCS11ainput: $cmY0^* setcmkcolor$
D65: 3 step colour scales and coordinate data for 10 hues

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

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