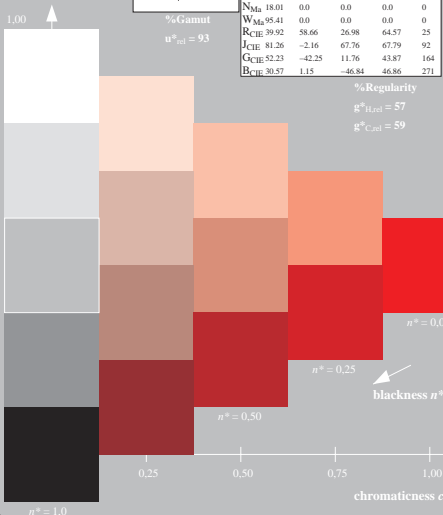


Input: Colorimetric Offset Reflective System ORS18

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

A: hue 0
 LCH^uMa: 48 83 38
 olv^uMa: 1.0 0.0 0.0

triangle lightness



ORS18; adapted (a) CIELAB data

	L^*	a^*	b^*	C^*_{aba}	h^*_{aba}
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	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	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularity

$g^*_{Lrel} = 59$

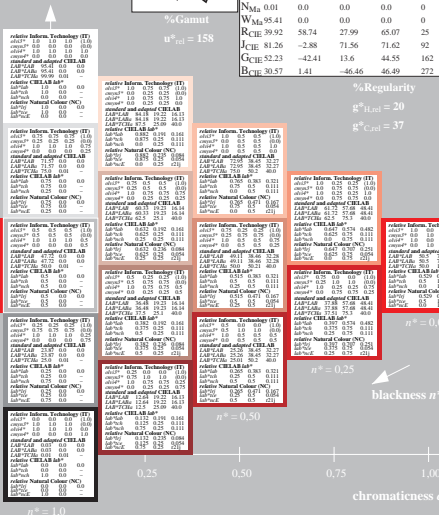
$g^*_{Crel} = 57$

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 40/360 = 0.111$
 lab^*ch and lab^*nch

A: hue 0
 LCH^uMa: 51 100 40
 olv^uMa: 1.0 0.0 0.0

triangle lightness



TLS00; adapted (a) CIELAB data

	L^*	a^*	b^*	C^*_{aba}	h^*_{aba}
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{Lrel} = 20$

$g^*_{Crel} = 37$

See for similar files: <http://www.ps.bam.de/SE40/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=0.0, CIELAB

BAM registration: 20060101-SE40/10Q/Q40E00F1.PS/TXT
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=ha4ta
 ©2010 Fraunhofer IPT, Seite 11, Page 1

SE400-7, 5 step scales for constant CIELAB hue 38/360 = 0.105 (left)

5 step scales for constant CIELAB hue 40/360 = 0.111 (right)

BAM-test chart SE40; Colorimetric systems ORS18 & TLS00

input: *cmv0* setcmykcolor*

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

output: *cmv0*/000n* setcmykcolor*