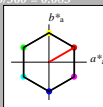


Input: Colorimetric Standard Reflective System SRS18

for hue  $h^* = lab^*h = 30/360 = 0.083$   
 $lab^*ch$  and  $lab^*mch$

D65: hue O  
 LCH\*Ma: 57 77 30  
 olv\*Ma: 1.0 0.0 0.0

triangle lightness  $l^*$



%Gamut  
 $u^*_{rel} = 100$   
 %Regularity  
 $g^*_{rel} = 100$   
 $g^*_{C,rel} = 100$

SRS18; adapted (a) CIELAB data

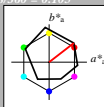
$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa 56.71	67.03	38.7	77.4	30
YMa 56.71	0.0	77.4	77.4	90
LMa 56.71	-67.02	38.7	77.4	150
CMa 56.71	-67.02	-38.7	77.4	210
VMa 56.71	0.0	-77.39	77.4	270
MMa 56.71	67.03	-38.69	77.4	330
NMa 18.01	0.0	0.0	0.0	0
WMa 95.41	0.0	0.0	0.0	0
RCIE 39.92	58.74	27.99	65.07	25
JCIIE 81.26	-2.88	71.56	71.62	92
GCIE 52.23	-42.41	13.6	44.55	162
BCIE 30.57	1.41	-46.46	46.49	272

Output: Colorimetric Offset Reflective System ORS18

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

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

triangle lightness  $l^*$



%Gamut  
 $u^*_{rel} = 93$   
 %Regularity  
 $g^*_{rel} = 57$   
 $g^*_{C,rel} = 59$

ORS18; adapted (a) CIELAB data

$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa 47.94	65.39	50.52	82.63	38
YMa 90.37	-10.26	91.75	92.32	96
LMa 50.9	-62.83	34.96	71.91	151
CMa 58.62	-30.34	-45.01	54.3	236
VMa 25.72	31.1	-44.4	54.22	305
MMa 48.13	75.28	-8.36	75.74	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	64.57	25
JCIIE 81.26	-2.16	67.76	67.79	92
GCIE 52.23	-42.25	11.76	43.87	164
BCIE 30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)  
 $olv^*3^* = 1.0$  1.0 1.0 (1.0)  
 $olv^*4^* = 0.0$  0.0 0.0 (0.0)  
 $olv^*4^* = 1.0$  1.0 1.0 (1.0)  
 $olv^*4^* = 0.0$  0.0 0.0 (0.0)  
 standard and adapted CIELAB  
 $LAB^*LAB = 95.41$  -0.98 4.75  
 $LAB^*LABa = 95.41$  0.0 0.0  
 $LAB^*TChA = 99.99$  0.01 -

relative CIELAB lab\*  
 $lab^*lab = 1.0$  0.0 0.0  
 $lab^*ch = 1.0$  0.0 -  
 $lab^*mch = 0.0$  0.0 -  
 relative Natural Colour (NC)  
 $lab^*lrj = 1.0$  0.0 0.0  
 $lab^*tce = 1.0$  0.0 -  
 $lab^*mce = 0.0$  0.0 -

relative Inform. Technology (IT)  
 $olv^*3^* = 0.5$  0.5 0.5 (1.0)  
 $olv^*4^* = 0.5$  0.5 0.5 (1.0)  
 $olv^*4^* = 1.0$  1.0 1.0 (0.5)  
 $olv^*4^* = 0.0$  0.0 0.0 (0.5)  
 standard and adapted CIELAB  
 $LAB^*LAB = 56.71$  -2.24 2.14  
 $LAB^*LABa = 56.71$  0.0 0.0  
 $LAB^*TChA = 50.0$  0.01 -

relative CIELAB lab\*  
 $lab^*lab = 0.5$  0.0 0.0  
 $lab^*ch = 0.5$  0.0 -  
 $lab^*mch = 0.5$  0.0 -  
 relative Natural Colour (NC)  
 $lab^*lrj = 0.5$  0.0 0.0  
 $lab^*tce = 0.5$  0.0 -  
 $lab^*mce = 0.5$  0.0 -

relative Inform. Technology (IT)  
 $olv^*2^* = 0.0$  0.0 0.0 (1.0)  
 $olv^*3^* = 1.0$  1.0 1.0 (0.0)  
 $olv^*4^* = 1.0$  1.0 1.0 (0.0)  
 $olv^*4^* = 0.0$  0.0 0.0 (1.0)  
 standard and adapted CIELAB  
 $LAB^*LAB = 18.02$  0.5 -0.47  
 $LAB^*LABa = 18.02$  0.0 0.0  
 $LAB^*TChA = 0.01$  0.01 -

relative CIELAB lab\*  
 $lab^*lab = 0.0$  0.0 0.0  
 $lab^*ch = 0.0$  0.0 -  
 $lab^*mch = 0.0$  0.0 -  
 relative Natural Colour (NC)  
 $lab^*lrj = 0.0$  0.0 0.0  
 $lab^*tce = 0.0$  0.0 -  
 $lab^*mce = 1.0$  0.0 -

relative Inform. Technology (IT)  
 $olv^*3^* = 1.0$  0.5 0.5 (1.0)  
 $olv^*4^* = 1.0$  0.5 0.5 (0.0)  
 $olv^*4^* = 1.0$  0.5 0.5 (1.0)  
 $olv^*4^* = 0.0$  0.5 0.5 (0.0)  
 standard and adapted CIELAB  
 $LAB^*LAB = 71.67$  32.15 28.41  
 $LAB^*LABa = 71.67$  32.69 25.25  
 $LAB^*TChA = 75.0$  41.31 37.69

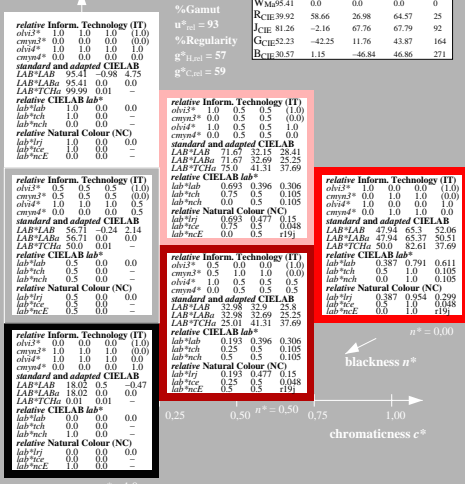
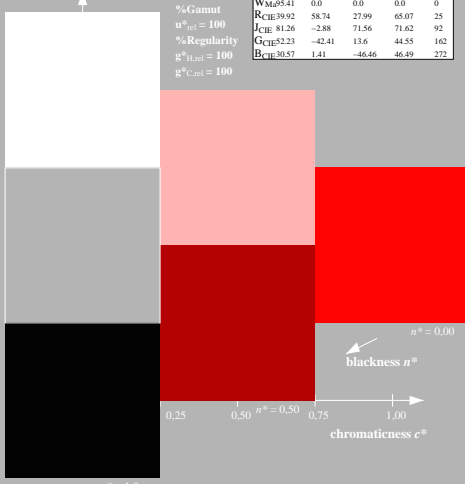
relative CIELAB lab\*  
 $lab^*lab = 0.693$  0.396 0.306  
 $lab^*ch = 0.75$  0.5 0.105  
 $lab^*mch = 0.5$  0.5 0.105  
 relative Natural Colour (NC)  
 $lab^*lrj = 0.693$  0.477 0.15  
 $lab^*tce = 0.75$  0.5 0.048  
 $lab^*mce = 0.0$  0.5 (1.9)

relative Inform. Technology (IT)  
 $olv^*3^* = 0.5$  0.0 0.0 (1.0)  
 $olv^*4^* = 0.5$  1.0 1.0 (0.0)  
 $olv^*4^* = 1.0$  0.5 0.5 (0.5)  
 $olv^*4^* = 0.0$  0.5 0.5 (0.5)  
 standard and adapted CIELAB  
 $LAB^*LAB = 32.98$  32.9 25.8  
 $LAB^*LABa = 32.98$  32.69 25.25  
 $LAB^*TChA = 25.01$  41.31 37.69

relative CIELAB lab\*  
 $lab^*lab = 0.193$  0.396 0.306  
 $lab^*ch = 0.25$  0.5 0.105  
 $lab^*mch = 0.5$  0.5 0.105  
 relative Natural Colour (NC)  
 $lab^*lrj = 0.193$  0.477 0.15  
 $lab^*tce = 0.25$  0.5 0.048  
 $lab^*mce = 0.5$  0.5 (1.9)

relative Inform. Technology (IT)  
 $olv^*3^* = 1.0$  0.0 0.0 (1.0)  
 $olv^*4^* = 0.0$  1.0 1.0 (0.0)  
 $olv^*4^* = 1.0$  0.0 0.0 (1.0)  
 $olv^*4^* = 0.0$  1.0 1.0 (0.0)  
 standard and adapted CIELAB  
 $LAB^*LAB = 47.94$  65.3 52.06  
 $LAB^*LABa = 47.94$  65.37 50.51  
 $LAB^*TChA = 50.0$  82.61 37.69

relative CIELAB lab\*  
 $lab^*lab = 0.387$  0.791 0.611  
 $lab^*ch = 0.5$  1.0 0.105  
 $lab^*mch = 0.0$  1.0 0.105  
 relative Natural Colour (NC)  
 $lab^*lrj = 0.387$  0.954 0.299  
 $lab^*tce = 0.5$  1.0 0.048  
 $lab^*mce = 0.0$  1.0 (1.9)



See for similar files: <http://www.ps.bam.de/NE07/>  
 Technical information: <http://www.ps.bam.de/>  
 Version 2.1, io=1.1, CIELAB

BAM registration: 20060101-NE07/10Q/Q07E00F1.PS/TXT  
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 application for evaluation and measurement of printer or monitor systems  
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