

Input: Colorimetric Offset Reflective System ORS18a

for hue $h^* = lab^*h = 96/360 = 0.268$

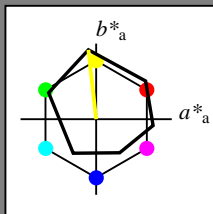
lab^*tch and lab^*nch

D65: hue Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



ORS18a; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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
RCIE	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
BCIE	30.57	1.15	-46.84	46.86	271

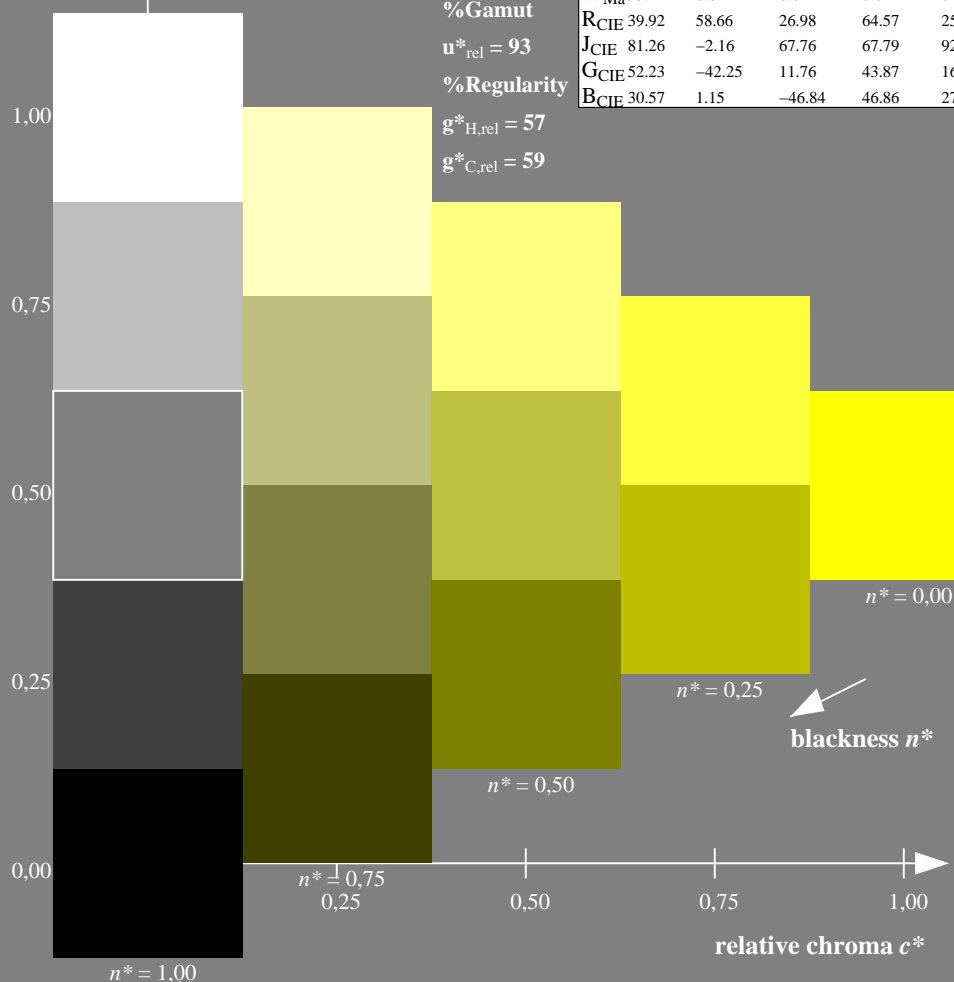
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



De120-7N, 5 step scales for constant CIELAB hue 96/360 = 0.268 (left)

Test chart 1 according to DIN 33872-2, Hue Y, Page 2/11
 Discrimination of 5 and 16 step colour scales, ORS18a

Output: Colorimetric Offset Reflective System ORS18a

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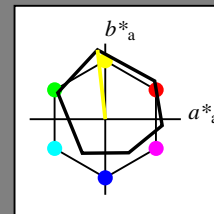
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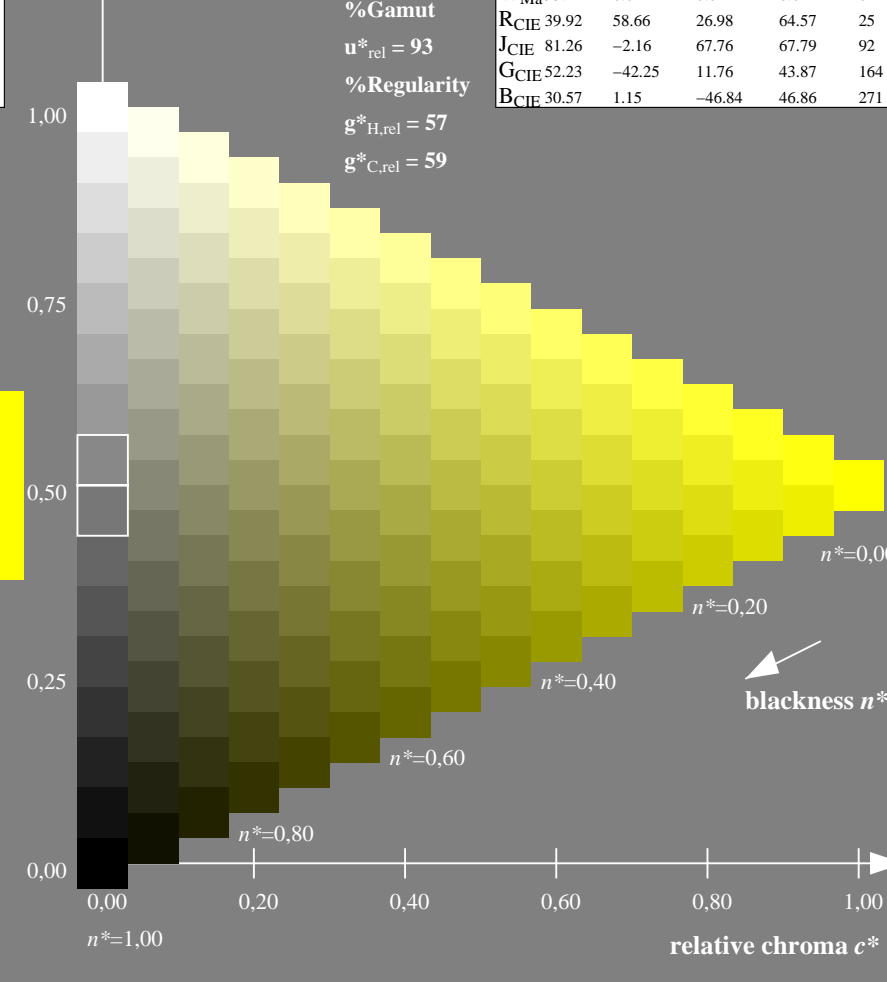
%Gamut

$u^*_{rel} = 93$

%Regularity

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16 step scales for constant CIELAB hue 96/360 = 0.268 (right)

input: rgb ($\rightarrow olv^*$) $setrgbcolor$
 output: no change compared to input

See for similar files: <http://www.ps.bam.de/De12/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1

BAM registration: 20080301-De12/10P/P12e02NP.PS /.PDF
 application for output of monitor, data projector, or printer systems

BAM material: code=rh4ta