

Input: Colorimetric Offset Reflective System ORS18a

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

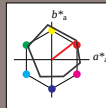
lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

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	
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	

Output: Colorimetric Offset Reflective System ORS18a

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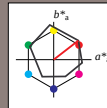
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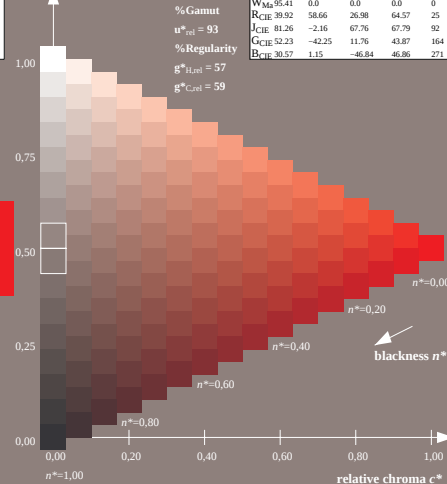
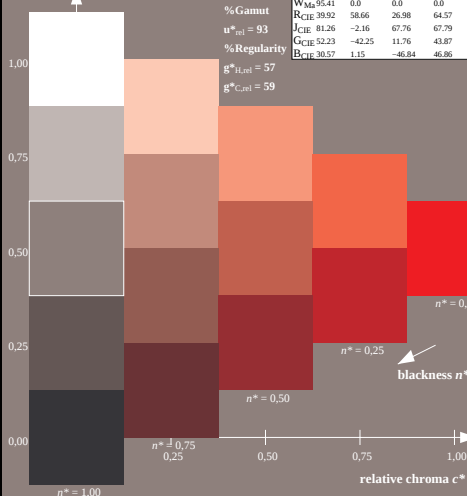
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De220-7N, 5 step scales for constant CIELAB hue 38/360 = 0.105 (left)

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

16 step scales for constant CIELAB hue 38/360 = 0.105 (right)

input: $cmY0(->cmY0^*)setcmYcolor$
output: no change compared to input