

Input: Colorimetric Natural Reflective System CNS18

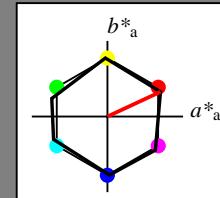
for hue $h^* = lab^*h = 25/360 = 0.069$
 lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 57 77 25

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut
 $u^*_{rel} = 100$

relative Inform. Technology (IT)	
olv3*	1.0 0.0 0.0 (1.0)
cmy3*	0.0 0.0 0.0 (0.0)
olv4*	1.0 1.0 1.0 1.0
cmy4*	0.0 0.0 0.0 1.0
standard and adapted CIELAB	
LAB*Lab	95.41 0.0 0.0
LAB*LaB	95.41 0.0 0.0
LAB*TCh	99.99 0.01
relative CIELAB lab*	
lab*Lab	1.0 0.0 0.0
lab*tch	1.0 0.0 0.0
lab*nch	1.0 0.0 0.0
relative Natural Colour (NC)	
lab*lr	1.0 0.0 0.0
lab*ice	1.0 0.0 0.0
lab*nce	0.0 0.0 0.0

relative Inform. Technology (IT)	
olv3*	1.0 0.75 0.75 (1.0)
cmy3*	0.25 0.25 0.25 (0.0)
olv4*	0.25 0.25 0.25 (0.0)
cmy4*	0.0 0.0 0.0 0.25
standard and adapted CIELAB	
LAB*Lab	76.05 35.07 16.35
LAB*LaB	76.05 35.07 16.35
LAB*TCh	75.00 38.69 25.00
relative CIELAB lab*	
lab*Lab	0.75 0.0 0.0
lab*tch	0.75 0.0 0.0
lab*nch	0.25 0.0 0.0
relative Natural Colour (NC)	
lab*lr	0.75 0.0 0.0
lab*ice	0.75 0.0 0.0
lab*nce	0.25 0.0 0.0

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CNS18; adapted (a) CIELAB data					
$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
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
JCIE	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

%Regularity	
g* _{H,rel}	= 59
g* _{C,rel}	= 100
0.75	
0.25	

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LAB*Lab	85.73 17.53 8.17
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