

Input: Colorimetric Offset Reflective System ORS18a

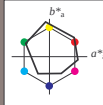
with *rgb* data of the
four elementary hues

1 0 0 = Red R

1 1 0 = Yellow J

0 1 0 = Green G

0 0 1 = Blue B



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

with hue number

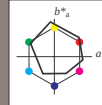
$n = 00$ to 19

00 = Red R

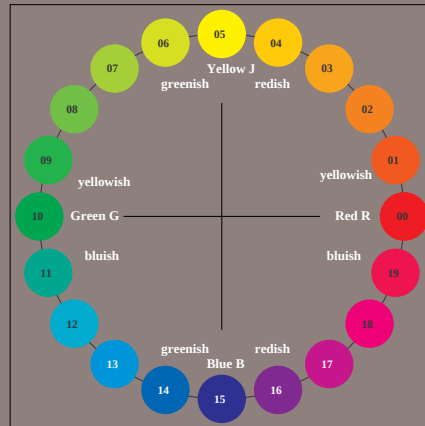
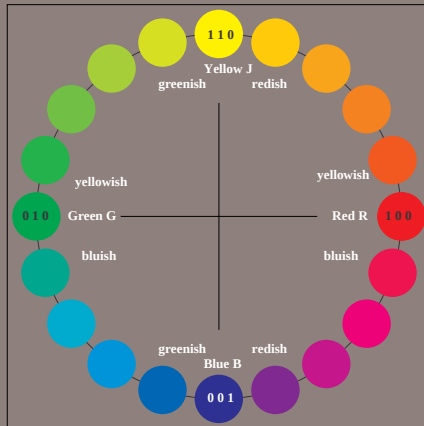
05 = Yellow J

10 = Green G

15 = Blue B



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De250-7N, 20 step hue circle with elementary colours R, J, G, B (left)

20 step hue circle with elementary colours R, J, G, B (right)

Test chart 2 according to DIN 33872-5, Page 1/2
Elementary hue agreement and discrimination, ORS18a

input: *cmY0*($\rightarrow$ *cmY0*)*setcmYcolor
output: no change compared to input