

Input: Colorimetric Offset Reflective System ORS18a

with *rgb* data of the

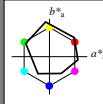
four elementary hues

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**

	$L^*_{a^*}$	$a^*_{a^*}$	$b^*_{a^*}$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
JCIE	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

Output: Colorimetric Offset Reflective System ORS18a

with hue number

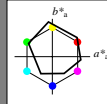
$n = 00$  to 19

00 = Red R

05 = Yellow J

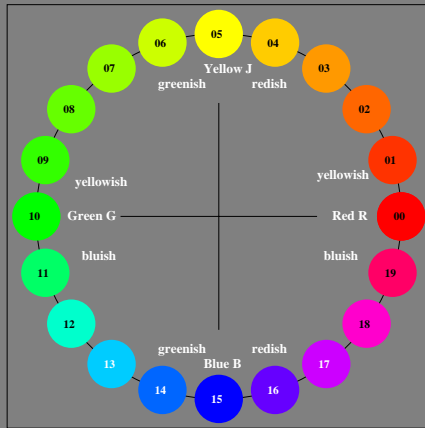
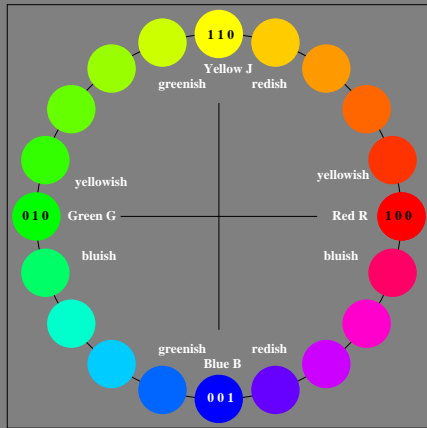
10 = Green G

15 = Blue B



**ORS18a; adapted (a) CIELAB data**

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De150-7N. 20 step hue circle with elementary colours R, J, G, B (left)

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

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

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