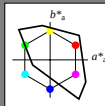


Input: Colorimetric Television Luminous System TLS00a

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

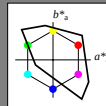


TLS00a; adapted (a) CIELAB data				
$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma} 50.5	76.92	64.55	100.42	40
Y _{Ma} 92.66	-20.69	90.75	93.08	103
L _{Ma} 83.63	-82.75	79.9	115.04	136
C _{Ma} 86.88	-46.16	-13.55	48.12	196
V _{Ma} 30.39	76.06	-103.59	128.52	306
M _{Ma} 57.3	94.35	-58.41	110.97	328
N _{Ma} 0.01	0.0	0.0	0.0	0
W _{Ma} 95.41	0.0	0.0	0.0	0
R _{CIE} 39.92	58.74	27.99	65.07	25
J _{CIE} 81.26	-2.88	71.56	71.62	92
G _{CIE} 52.23	-42.41	13.6	44.55	162
B _{CIE} 30.57	1.41	-46.46	46.49	272

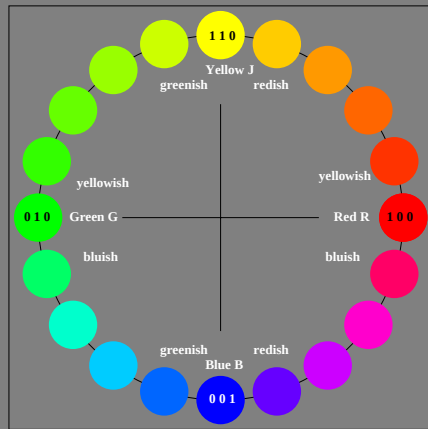
Output: Colorimetric Television Luminous System TLS00a

with hue number

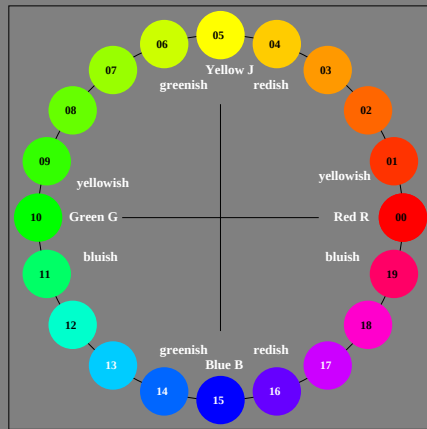
$n = 00$ to 19
00 = Red R
05 = Yellow J
10 = Green G
15 = Blue B



TLS00a; adapted (a) CIELAB data				
$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma} 50.5	76.92	64.55	100.42	40
Y _{Ma} 92.66	-20.69	90.75	93.08	103
L _{Ma} 83.63	-82.75	79.9	115.04	136
C _{Ma} 86.88	-46.16	-13.55	48.12	196
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G _{CIE} 52.23	-42.41	13.6	44.55	162
B _{CIE} 30.57	1.41	-46.46	46.49	272



OE760-7N-030-0: 20 step hue circle with elementary colours R, J, G, B (left)



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

OE76: Test chart 5 according to DIN 33872-5; DH
Elementary hue agreement and discrimination

input: *rgb* ($\rightarrow$ *rgb^a*) *setrgbcolor*
output 030-0: no change