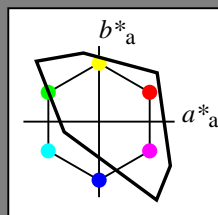


# Input: Colorimetric Television Luminous System TLS00a

with *rgb* data of the  
four elementary hues

1 0 0 = Red  $R_e$   
1 1 0 = Yellow  $Y_e$   
0 1 0 = Green  $G_e$   
0 0 1 = Blue  $B_e$



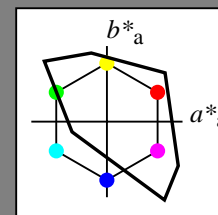
	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	50.5	76.92	64.55	100.42	40
Y <sub>Ma</sub>	92.66	-20.69	90.75	93.08	103
L <sub>Ma</sub>	83.63	-82.75	79.9	115.04	136
C <sub>Ma</sub>	86.88	-46.16	-13.55	48.12	196
V <sub>Ma</sub>	30.39	76.06	-103.59	128.52	306
M <sub>Ma</sub>	57.3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

# Output: Colorimetric Television Luminous System TLS00a

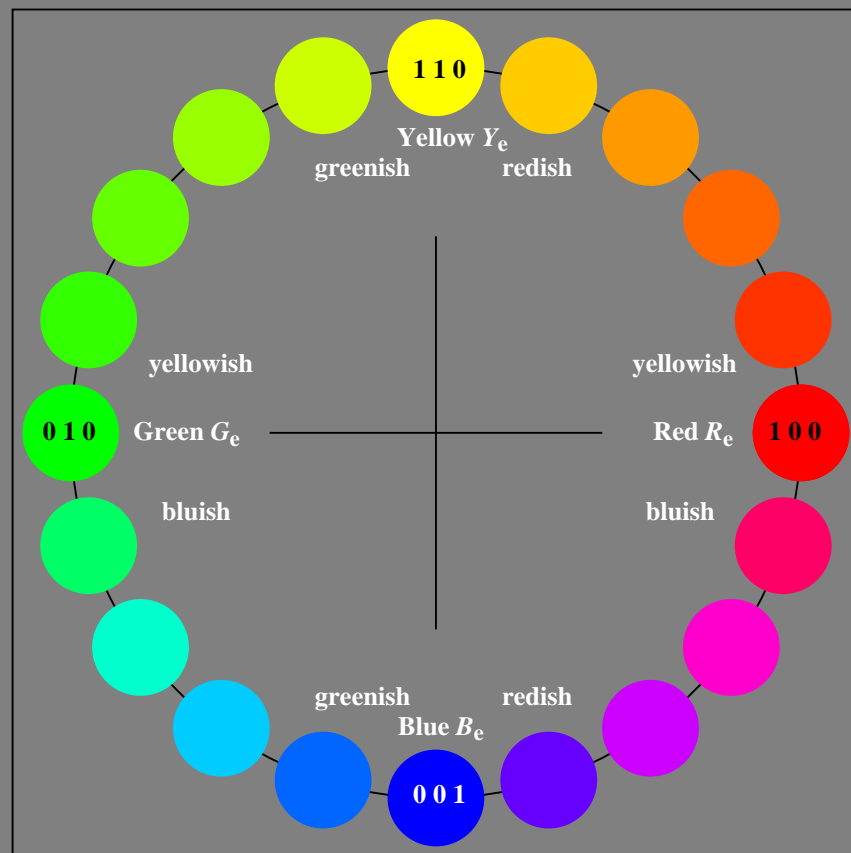
with hue number

$n = 00$  to 19

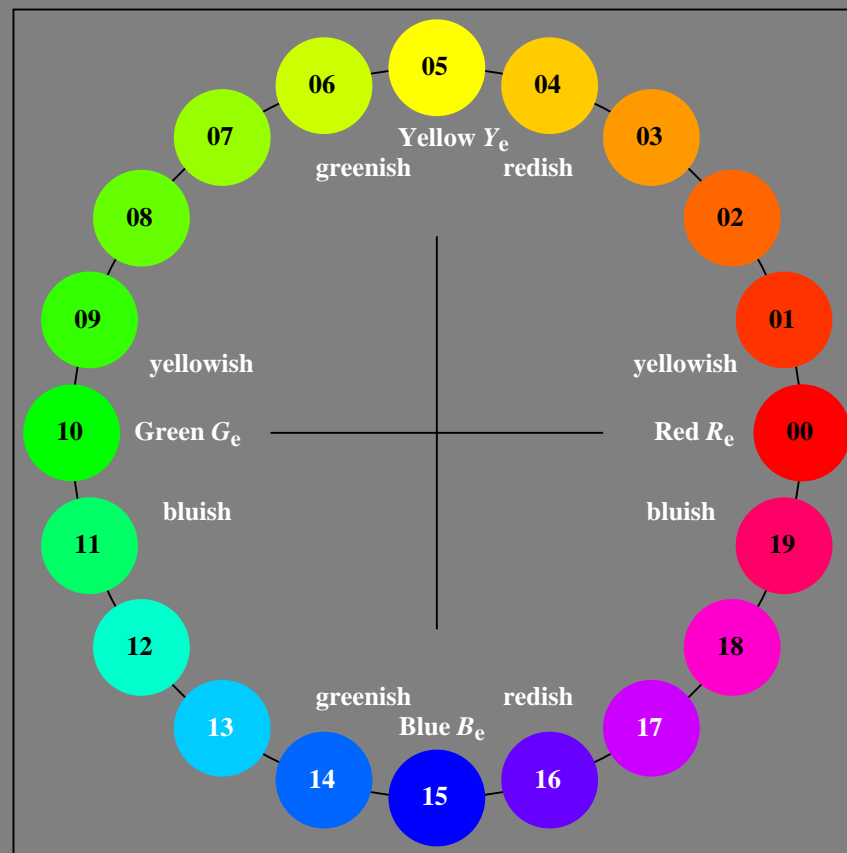
00 = Red  $R_e$   
05 = Yellow  $Y_e$   
10 = Green  $G_e$   
15 = Blue  $B_e$



	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	50.5	76.92	64.55	100.42	40
Y <sub>Ma</sub>	92.66	-20.69	90.75	93.08	103
L <sub>Ma</sub>	83.63	-82.75	79.9	115.04	136
C <sub>Ma</sub>	86.88	-46.16	-13.55	48.12	196
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R <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.88	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.41	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.46	46.49	272



AE390-7N-030-0: 20 step hue circle with 4 elementary colours  $R_e$ ,  $J_e$ ,  $G_e$ ,  $B_e$  (left)



20 step hue circle with 4 elementary colours  $R_e$ ,  $J_e$ ,  $G_e$ ,  $B_e$  (right)

Test chart AE39 similar to test chart 1 of DIN 33872-5  
20 step elementary hue circle; Test chart according to DIN 33872-5

input: *rgb/cmy0/000n/w set...*  
output: *->rgb<sub>dd</sub> setrgbcolor*