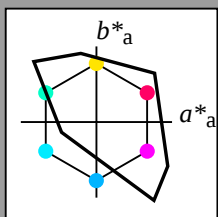


Input: Colorimetric Television Luminous System TLS00a

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



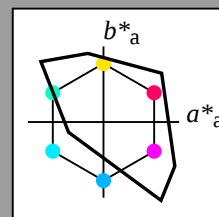
TLS00a; adapted (a) CIELAB data					
$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma} 50.5	76.92	64.55	100.42	40	
Y _{Ma} 92.66	-20.69	90.75	93.08	103	
L _{Ma} 83.63	-82.75	79.9	115.04	136	
C _{Ma} 86.88	-46.16	-13.55	48.12	196	
V _{Ma} 30.39	76.06	-103.59	128.52	306	
M _{Ma} 57.3	94.35	-58.41	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

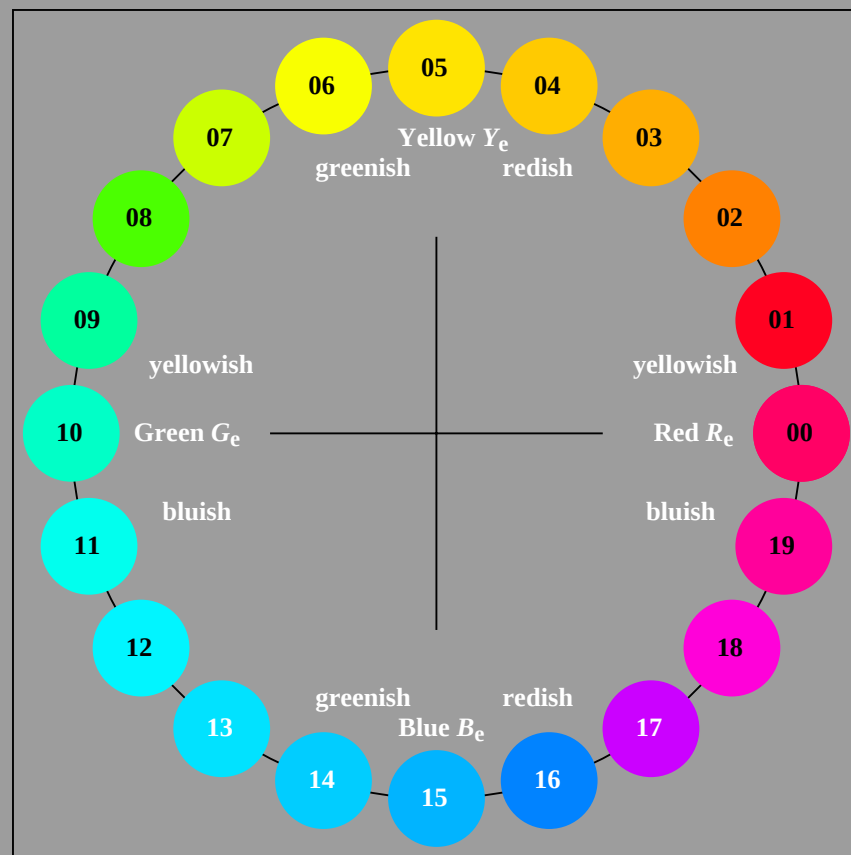
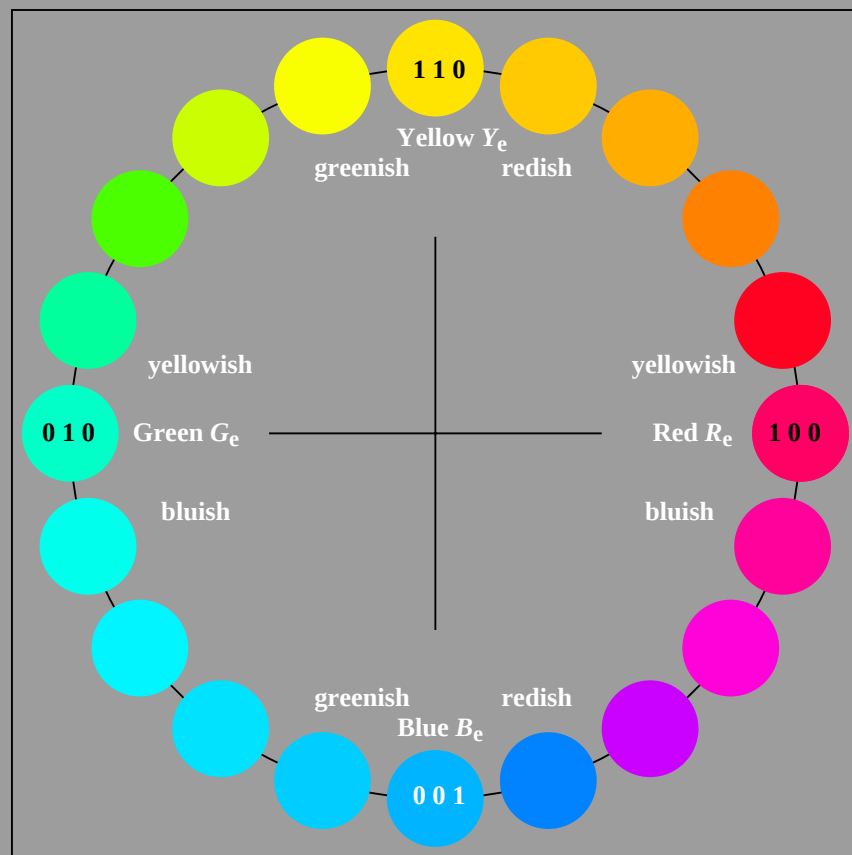
with hue number

$n = 00$ to 19

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



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	
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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	



AE360-7N-104-0: 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 AE36 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: $\rightarrow$ *rgb_{de} setrgbcolor*

see similar files: <http://farbe.li.tu-berlin.de/AE36/AE36F0PX.PDF> / .PS; 3D-linearization, page 13/24
technical information: <http://farbe.li.tu-berlin.de/> or <http://farbe.li.tu-berlin.de/AE36F0PX.PDF> / .PS in file (F)

TUB Registration: 20190301-AE36/AE36L0FA.TXT / .PS
application for measurement or viewing of display and print output

TUB material: code=rha4ta