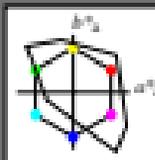


Input: Colorimetric Television Luminous System TL500a

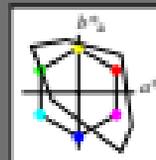
with *rgb* data of the  
four elementary bases  
1 0 0 = Red  $R_r$   
1 1 0 = Yellow  $Y_r$   
0 1 0 = Green  $G_r$   
0 0 1 = Blue  $B_r$



TL500a; adapted (by) CHD/CAE data					
$L^*a^*L_r$	$a^*a_r$	$b^*b_r$	$C^*c^*c_r$	$h^*h_r$	
$D_{Y_{100}}$	50.5	76.92	64.52	100.02	40
$V_{Y_{100}}$	92.66	-20.69	90.75	93.08	103
$L_{Y_{100}}$	83.63	-82.75	79.9	115.04	136
$C_{Y_{100}}$	86.88	-46.16	-13.52	48.12	196
$V_{Y_{100}}$	30.39	76.06	-103.59	128.52	206
$h_{Y_{100}}$	57.3	94.35	-58.41	110.97	328
$D_{R_{100}}$	0.01	0.0	0.0	0.0	0
$V_{R_{100}}$	95.41	0.0	0.0	0.0	0
$L_{R_{100}}$	79.92	58.74	27.99	65.07	25
$C_{R_{100}}$	81.26	-2.88	71.56	71.62	92
$h_{R_{100}}$	52.23	-42.41	13.6	44.35	162
$D_{G_{100}}$	30.57	1.41	-45.46	46.49	373

Output: Colorimetric Television Luminous System TL500a

with base number  
 $n$ : 00 to 19  
00 = Red  $R_r$   
05 = Yellow  $Y_r$   
10 = Green  $G_r$   
15 = Blue  $B_r$



TL500a; adapted (by) CHD/CAE data					
$L^*a^*L_r$	$a^*a_r$	$b^*b_r$	$C^*c^*c_r$	$h^*h_r$	
$D_{Y_{100}}$	50.5	76.92	64.52	100.02	40
$V_{Y_{100}}$	92.66	-20.69	90.75	93.08	103
$L_{Y_{100}}$	83.63	-82.75	79.9	115.04	136
$C_{Y_{100}}$	86.88	-46.16	-13.52	48.12	196
$V_{Y_{100}}$	30.39	76.06	-103.59	128.52	206
$h_{Y_{100}}$	57.3	94.35	-58.41	110.97	328
$D_{R_{100}}$	0.01	0.0	0.0	0.0	0
$V_{R_{100}}$	95.41	0.0	0.0	0.0	0
$L_{R_{100}}$	79.92	58.74	27.99	65.07	25
$C_{R_{100}}$	81.26	-2.88	71.56	71.62	92
$h_{R_{100}}$	52.23	-42.41	13.6	44.35	162
$D_{G_{100}}$	30.57	1.41	-45.46	46.49	373

