

**Input: Colorimetric Television Luminous System TL500ta**

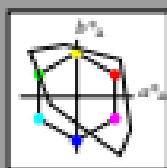
with  $rgb$ -data of the four elementary bases

1 0 0 = Red  $R_s$

1 1 0 = Yellow  $Y_s$

0 1 0 = Green  $G_s$

0 0 1 = Blue  $B_s$



TL500ta adapted to CIE1976 Plan						
$L^*$	$a^*$	$b^*$	$L^*_s$	$C^*_{Y,s}$	$b^*_{Y,s}$	$L^*_s$
Dm: 30.5	76.92	64.55	100.42	40		
Ym: 92.65	-28.69	90.75	93.08	100		
Ym: 83.63	-63.73	76.9	115.04	136		
Ym: 86.88	-46.16	-13.55	68.12	196		
Ym: 30.39	76.08	-203.59	128.52	206		
Ym: 27.1	94.35	-28.81	116.97	228		
Ym: 0.01	0.0	0.0	0.0	0		
Ym: 85.81	0.0	0.0	0.0	0		
Ym: 29.92	58.74	27.99	65.07	25		
Ym: 81.26	-2.88	71.56	71.62	92		
Ym: 52.23	-42.41	13.6	44.55	162		
Ym: 30.57	1.41	-45.05	65.49	272		

**Output: Colorimetric Television Luminous System TL500ta**

with hue number:

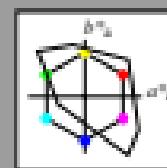
00 to 19

00 = Red  $R_s$

05 = Yellow  $Y_s$

10 = Green  $G_s$

15 = Blue  $B_s$



TL500ta adapted to CIE1976 Plan						
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