

Input: Colorimetric Television Luminous System TL500a

with x_{rgb} data of the
four elementary hues
(1 0 0)₀ = Red R_0
(1 1 0)₀ = Yellow Y_0
(0 1 0)₀ = Green G_0
(0 0 1)₀ = Blue B_0



	$L^*=L^*_{00}$	a^*_0	b^*_0	$C^*_{00,a,b}$	M^*_{00}
R_{00}	50.5	76.92	64.55	100.02	49
Y_{00}	92.66	-20.69	90.75	93.08	103
G_{00}	83.63	-82.75	79.9	115.84	136
B_{00}	86.88	-46.16	-13.55	48.12	196
R_{00}	30.39	76.06	-103.59	128.52	306
Y_{00}	57.3	94.35	-58.41	110.97	328
G_{00}	0.01	0.0	0.0	0.0	0
B_{00}	95.41	0.0	0.0	0.0	0
R_{00}	29.92	58.74	27.99	65.87	25
Y_{00}	81.26	-2.88	71.56	71.62	92
G_{00}	52.23	-82.41	13.6	44.55	162
B_{00}	30.57	1.41	-85.46	45.49	272

Output: Colorimetric Television Luminous System TL500a

with hue number

$n = 01$ to 32

01 = Red R_0

09 = Yellow Y_0

17 = Green G_0

25 = Blue B_0

with hue position

(row and column)

of test chart ISO 5241-306:AEF9



	$L^*=L^*_{00}$	a^*_0	b^*_0	$C^*_{00,a,b}$	M^*_{00}
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