

Input: Colorimetric Television Luminous System TL500a

with x_{rgb} , data of the
four elementary hues

(1 0 0)_h = Red R_p

(1 1 0)_h = Yellow Y_p

(0 1 0)_h = Green G_p

(0 0 1)_h = Blue B_p



	L^*	a^*	b^*	C^*	h^*
R_{Munsell}	50.5	76.92	64.55	100.42	49
Y_{Munsell}	92.66	-20.69	90.75	91.88	103
G_{Munsell}	83.63	-82.75	79.9	115.84	136
B_{Munsell}	86.88	-46.16	-13.55	48.12	196
R_{Munsell}	30.39	76.06	-103.59	128.52	306
Y_{Munsell}	57.3	94.75	-58.41	110.97	328
G_{Munsell}	0.01	0.0	0.0	0.0	0
B_{Munsell}	95.41	0.0	0.0	0.0	0
R_{CIECAM}	39.92	58.74	27.99	65.87	25
Y_{CIECAM}	81.26	-2.88	71.56	71.62	92
G_{CIECAM}	52.23	-82.41	13.6	44.55	162
B_{CIECAM}	30.57	1.41	-65.45	65.45	272

Output: Colorimetric Television Luminous System TL500a

with hue number

$n = 01$ to 32

01 = Red R_p

09 = Yellow Y_p

17 = Green G_p

25 = Blue B_p

with hue position

(row and column)

of test chart ISO 5241-300:AEF9



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