

Input: Colorimetric Television Luminous System TL500a

with x_{gh} data of the
four elementary hues
(1 0 0)_h = Red R_h
(1 1 0)_h = Yellow Y_h
(0 1 0)_h = Green G_h
(0 0 1)_h = Blue B_h



	L^*	a^*	b^*	C^*	h^*
R_{M0}	50.5	76.92	64.55	100.42	40
Y_{M0}	92.66	-20.69	90.75	91.08	103
G_{M0}	83.63	-82.75	79.9	115.84	136
B_{M0}	86.88	-46.16	-13.55	68.12	196
R_{M25}	30.39	76.06	-103.59	120.52	306
Y_{M25}	57.3	94.75	-58.41	110.97	120
G_{M25}	0.01	0.0	0.0	0.0	0
B_{M25}	95.41	0.0	0.0	0.0	0
R_{C25}	39.92	58.74	27.99	65.87	25
Y_{C25}	81.26	-2.88	71.56	71.62	92
G_{C25}	52.23	-82.41	13.6	64.55	162
B_{C25}	30.57	1.41	-65.46	65.49	272

Output: Colorimetric Television Luminous System TL500a

with hue number

$n = 01$ to 32

01 = Red R_h

09 = Yellow Y_h

17 = Green G_h

25 = Blue B_h

with hue position

(row and column)

of test chart ISO 5241-300:AEF9



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