

Input: Colorimetric Television Luminous System TL500a

with x_{rgb} data of the four device hues

(1 0 0)_d = Red R_d

(1 1 0)_d = Yellow Y_d

(0 1 0)_d = Green G_d

(0 0 1)_d = Blue B_d



	L^*aL^*	a^*	b^*	C^*_{device}	h^*_device
R_{d50}	50.5	36.92	64.35	100.02	40
Y_{d50}	92.66	-20.69	90.75	93.08	103
G_{d50}	83.63	-82.75	79.9	115.04	136
C_{d50}	86.88	-46.16	-13.35	48.12	196
B_{d50}	30.39	76.06	-103.59	128.52	266
M_{d50}	57.3	94.35	-58.41	110.97	328
N_{d50}	0.01	0.0	0.0	0.0	0
W_{d50}	95.41	0.0	0.0	0.0	0
C_{d50}	79.92	58.74	27.99	65.07	25
L^*_{cm}	81.26	-2.88	71.56	71.62	92
C^*_{cm}	52.23	-82.61	13.6	44.35	162
h^*_{cm}	30.57	1.41	-86.46	46.49	272

Output: Colorimetric Television Luminous System TL500a

with hue number

n : 01 to 52

01 = Red R_d

09 = Yellow Y_d

17 = Green G_d

25 = Blue B_d

with hue position

(row and column)

of test chart ISO 9241-300:AE49



	L^*aL^*	a^*	b^*	C^*_{device}	h^*_device
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