

Input: Colorimetric Television Luminous System TL500a

with xyZ_d 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



TL500a adapted (q) CIECAM data					
L^*	a^*	b^*	C^*_{Muns}	h^*_{Muns}	
R_{Muns}	50.5	76.92	64.55	100.42	0°
Y_{Muns}	92.66	-20.69	90.75	93.08	103°
G_{Muns}	83.63	-82.75	79.9	115.84	136°
C_{Muns}	66.88	-46.16	-13.55	48.12	196°
B_{Muns}	30.39	76.06	-103.59	128.52	206°
M_{Muns}	57.3	94.35	-58.41	110.97	328°
N_{Muns}	0.01	0.0	0.0	0.0	0°
W_{Muns}	95.41	0.0	0.0	0.0	0°
S_{CIE94}	39.92	58.74	27.99	65.87	25°
L_{CIE94}	81.26	-2.88	71.56	71.62	92°
G_{CIE94}	52.23	-82.41	13.6	44.55	162°
B_{CIE94}	30.57	1.41	-65.46	65.49	273°

Output: Colorimetric Television Luminous System TL500a

with hue number

$n = 01$ to 32

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:AEF7



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