

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



TL500a adapted (a) CIECAM data									
L^*	a^*	b^*	C^*	h^*	L^*	a^*	b^*	C^*	h^*
$R_{\text{Muns}} 50.5$	76.92	64.55	100.42	40	$R_{\text{Muns}} 92.66$	-20.69	90.75	91.08	103
$Y_{\text{Muns}} 83.63$	-42.75	79.9	115.84	136	$C_{\text{Muns}} 86.88$	-46.16	-13.55	48.12	196
$G_{\text{Muns}} 30.39$	76.06	-103.59	120.52	306	$B_{\text{Muns}} 57.3$	94.75	-58.41	110.97	328
$R_{\text{Muns}} 0.01$	0.0	0.0	0.0	0	$R_{\text{Muns}} 95.41$	0.0	0.0	0.0	0
$Y_{\text{Muns}} 29.92$	58.74	27.99	65.87	25	$L_{\text{CIE}} 81.26$	-2.89	71.56	71.62	92
$G_{\text{Muns}} 52.23$	-42.41	13.6	44.55	162	$C_{\text{CIE}} 30.57$	1.41	-45.45	45.45	272

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 5241-300:AEF71



TL500a adapted (a) CIECAM data									
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