

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 (q) CIECAM data									
L^*	a^*	b^*	C^*	h^*	L^*	a^*	b^*	C^*	h^*
$R_{\text{Muns}} 50.5$	76.92	64.35	100.42	49	$R_{\text{Muns}} 50.5$	76.92	64.35	100.42	49
$Y_{\text{Muns}} 92.66$	-20.69	90.75	93.08	103	$Y_{\text{Muns}} 92.66$	-20.69	90.75	93.08	103
$G_{\text{Muns}} 83.63$	-82.75	79.9	115.84	136	$G_{\text{Muns}} 83.63$	-82.75	79.9	115.84	136
$C_{\text{Muns}} 86.88$	-46.16	-13.55	48.12	196	$C_{\text{Muns}} 86.88$	-46.16	-13.55	48.12	196
$B_{\text{Muns}} 30.39$	76.06	-103.59	128.52	206	$B_{\text{Muns}} 30.39$	76.06	-103.59	128.52	206
$M_{\text{Muns}} 57.3$	94.35	-58.41	110.97	129	$M_{\text{Muns}} 57.3$	94.35	-58.41	110.97	129
$N_{\text{Muns}} 0.01$	0.0	0.0	0.0	0	$N_{\text{Muns}} 0.01$	0.0	0.0	0.0	0
$W_{\text{Muns}} 95.41$	0.0	0.0	0.0	0	$W_{\text{Muns}} 95.41$	0.0	0.0	0.0	0
$R_{\text{CIECAM}} 39.92$	58.74	27.99	65.87	25	$R_{\text{CIECAM}} 39.92$	58.74	27.99	65.87	25
$L_{\text{CIECAM}} 81.26$	-2.89	71.56	71.62	92	$L_{\text{CIECAM}} 81.26$	-2.89	71.56	71.62	92
$a_{\text{CIECAM}} 52.23$	-42.41	13.6	44.55	162	$a_{\text{CIECAM}} 52.23$	-42.41	13.6	44.55	162
$b_{\text{CIECAM}} 30.57$	1.41	-45.45	45.45	272	$b_{\text{CIECAM}} 30.57$	1.41	-45.45	45.45	272

Output: Colorimetric Television Luminous System TL500a

with hue number

$n = 01$ to 16

01 = Red R_d

05 = Yellow Y_d

09 = Green G_d

13 = Blue B_d

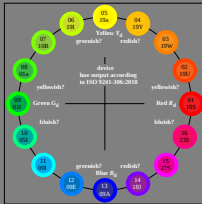
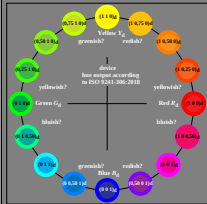
with hue position

(row and column)

of test chart ISO 5241-300:AEF9



TL500a adapted (q) CIECAM data									
L^*	a^*	b^*	C^*	h^*	L^*	a^*	b^*	C^*	h^*
$R_{\text{Muns}} 50.5$	76.92	64.35	100.42	49	$R_{\text{Muns}} 50.5$	76.92	64.35	100.42	49
$Y_{\text{Muns}} 92.66$	-20.69	90.75	93.08	103	$Y_{\text{Muns}} 92.66$	-20.69	90.75	93.08	103
$G_{\text{Muns}} 83.63$	-82.75	79.9	115.84	136	$G_{\text{Muns}} 83.63$	-82.75	79.9	115.84	136
$C_{\text{Muns}} 86.88$	-46.16	-13.55	48.12	196	$C_{\text{Muns}} 86.88$	-46.16	-13.55	48.12	196
$B_{\text{Muns}} 30.39$	76.06	-103.59	128.52	206	$B_{\text{Muns}} 30.39$	76.06	-103.59	128.52	206
$M_{\text{Muns}} 57.3$	94.35	-58.41	110.97	129	$M_{\text{Muns}} 57.3$	94.35	-58.41	110.97	129
$N_{\text{Muns}} 0.01$	0.0	0.0	0.0	0	$N_{\text{Muns}} 0.01$	0.0	0.0	0.0	0
$W_{\text{Muns}} 95.41$	0.0	0.0	0.0	0	$W_{\text{Muns}} 95.41$	0.0	0.0	0.0	0
$R_{\text{CIECAM}} 39.92$	58.74	27.99	65.87	25	$R_{\text{CIECAM}} 39.92$	58.74	27.99	65.87	25
$L_{\text{CIECAM}} 81.26$	-2.89	71.56	71.62	92	$L_{\text{CIECAM}} 81.26$	-2.89	71.56	71.62	92
$a_{\text{CIECAM}} 52.23$	-42.41	13.6	44.55	162	$a_{\text{CIECAM}} 52.23$	-42.41	13.6	44.55	162
$b_{\text{CIECAM}} 30.57$	1.41	-45.45	45.45	272	$b_{\text{CIECAM}} 30.57$	1.41	-45.45	45.45	272



AEF10-7N, Input file: <http://farbe.li.tu-berlin.de/AEF0/AEF00-1N.PS>, No 1MR, gamma $g_F = 1,000$, $C_{Yp8} = C_{YN8}$