

Input: Colorimetric Television Luminous System TL500ta

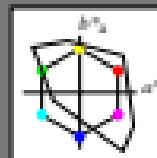
with xyz₀ data of the four elementary hues

(1 0 0)₀ = Red R₀

(1 1 0)₀ = Yellow Y₀

(0 1 0)₀ = Green G₀

(0 0 1)₀ = Blue B₀



TL500ta adapted to CIE1976 Plan

L^*	a^*	b^*	CIE_{1976}	$b^*_{xyz_0}$
Ran. 30.5	-76.92	64.55	100.42	40
Yan. 92.65	-28.69	90.75	93.08	100
Grn. 93.63	-83.23	76.9	115.04	156
Blu. 86.88	-46.16	-13.55	68.12	196
Ran. 30.39	36.88	-203.59	128.52	208
Yan. 57.1	94.35	-38.81	116.97	228
Grn. 93.01	0.0	0.0	0.0	0
Blu. 85.81	0.0	0.0	0.0	0
Ran. 39.92	28.74	27.99	65.07	23
Yan. 81.26	-2.88	71.56	71.62	92
Grn. 82.23	-42.41	11.6	64.53	162
Blu. 30.57	1.41	-45.85	65.49	272

The xyz₀ data are calculated for output in standard offset according to ISO/IEC 15733.

Output: Colorimetric Television Luminous System TL500ta

with hue number:

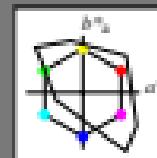
#01 to #16

#01 = Red R₀

#02 = Yellow Y₀

#03 = Green G₀

#04 = Blue B₀



TL500ta adapted to CIE1976 Plan

L^*	a^*	b^*	CIE_{1976}	$b^*_{xyz_0}$
Ran. 30.5	-76.92	64.55	100.42	40
Yan. 92.65	-28.69	90.75	93.08	100
Grn. 93.63	-82.73	76.9	115.04	156
Blu. 86.88	-46.16	-13.55	68.12	196
Ran. 30.39	36.88	-203.59	128.52	208
Yan. 57.1	94.35	-38.81	116.97	228
Grn. 93.01	0.0	0.0	0.0	0
Blu. 85.81	0.0	0.0	0.0	0
Ran. 39.92	28.74	27.99	65.07	23
Yan. 81.26	-2.88	71.56	71.62	92
Grn. 82.23	-42.41	11.6	64.53	162
Blu. 30.57	1.41	-45.85	65.49	272

with hue position
(row and column)
of test chart ISO 9241-306:AE49

