

Input: Colorimetric Television Luminous System TL500ta

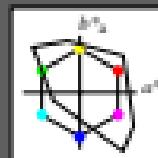
with xyz₀ data of the four elementary bases

(1 0 0)₀ = Red R₀

(1 1 0)₀ = Yellow Y₀

(0 1 0)₀ = Green G₀

(0 0 1)₀ = Blue B₀



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

ITC500ta adapted to CIE1976 Plan

L^*	a^*	b^*	CIE_{xyz_0}	$b^*_\text{xyz}_0$
Red: 30.5	-76.92	64.55	100.42	40
Yellow: 92.65	-28.69	90.75	93.08	100
Green: 83.63	-63.73	76.9	115.04	156
Blue: 86.88	-46.16	-13.55	68.12	196
White: 30.39	36.08	-203.59	128.52	208
Black: 27.1	64.35	-38.81	116.97	228
Gray: 99.91	0.0	0.0	0.0	0
White: 85.61	0.0	0.0	0.0	0
Yellow: 99.92	28.74	27.99	65.07	25
Red: 81.26	-2.88	71.56	71.62	92
Green: 82.23	-42.41	11.6	64.55	162
Blue: 30.57	1.41	-45.05	65.49	272

Output: Colorimetric Television Luminous System TL500ta

with hue number:

#01 to #16

#01 = Red R₀

#02 = Yellow Y₀

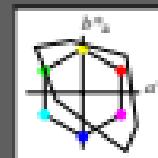
#03 = Green G₀

#04 = Blue B₀

with hue position

(row and column)

of test chart ISO 9241-306:AE49



ITC500ta adapted to CIE1976 Plan

L^*	a^*	b^*	CIE_{xyz_0}	$b^*_\text{xyz}_0$
Red: 30.5	-76.92	64.55	100.42	40
Yellow: 92.65	-28.69	90.75	93.08	100
Green: 83.63	-63.73	76.9	115.04	156
Blue: 86.88	-46.16	-13.55	68.12	196
White: 30.39	36.08	-203.59	128.52	208
Black: 27.1	64.35	-38.81	116.97	228
Gray: 99.91	0.0	0.0	0.0	0
White: 85.61	0.0	0.0	0.0	0
Yellow: 99.92	28.74	27.99	65.07	25
Red: 81.26	-2.88	71.56	71.62	92
Green: 82.23	-42.41	11.6	64.55	162
Blue: 30.57	1.41	-45.05	65.49	272

