

Input: Colorimetric Television Luminous System TL500a

with x_{rgb} data of the four elementary hues

(1 0 0)_h = Red R_{p}

(1 1 0)_h = Yellow Y_{p}

(0 1 0)_h = Green G_{p}

(0 0 1)_h = Blue B_{p}



	L^*	a^*	b^*	C^*	h^*
R_{Muns}	50.5	76.92	64.55	100.42	0°
Y_{Muns}	92.65	-20.69	90.75	91.08	103°
G_{Muns}	83.63	-82.75	79.9	115.84	136°
B_{Muns}	86.88	-46.16	-13.55	68.12	196°
R_{Muns}	30.39	76.06	-103.59	128.52	306°
B_{Muns}	57.3	94.75	-58.41	110.97	328°
R_{Muns}	0.01	0.0	0.0	0.0	0°
R_{Muns}	95.41	0.0	0.0	0.0	0°
R_{Muns}	39.92	58.74	27.99	65.87	25°
L_{Muns}	81.26	-2.88	71.56	71.62	92°
G_{Muns}	52.23	-82.41	13.6	64.55	162°
B_{Muns}	30.57	1.41	-65.45	65.45	272°

Output: Colorimetric Television Luminous System TL500a

with hue number

$n = 01$ to 32

01 = Red R_{p}

09 = Yellow Y_{p}

17 = Green G_{p}

25 = Blue B_{p}

with hue position

(row and column)

of test chart ISO 9241-300:AEF9



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