

Basic television colour or mixture colour for D65 CIE data for $Y_W=88,6$	chromaticity		tristimulus values ($Y_d=88,6$ for white D65)			Standard CIELAB data $L^*a^*b^*C^*_{ab}h_{ab}$ ($L^*_d=88,6$ for white; $L^*_d=18,0$ for black)					TUBLAB ₂ data $YA_2B_2C_{AB2}h_{AB2}$ ($Y_d=88,6$ for white; $Y_d=2,5$ for black, $B_c=0,8$)				
	x_d	y_d	X_d	Y_d	Z_d	L^*_d	a^*_d	b^*_d	$C^*_{ab,d}$	$h_{ab,d}$	Y_d	A_{2d}	B_{2d}	$C_{AB2,d}$	$h_{AB2,d}$
<i>three additive mixture colours: television colours according to ITU-R BT.709.3 and sRGB display according to IEC 61966-2-1</i>															
C_d cyan (cyan blue)	0,224	0,328	48,42	70,86	96,28	87,41	-46,42	-13,64	48,38	199	70,86	-47,36	-15,28	49,77	197
M_d magenta (magenta red)	0,320	0,154	53,35	25,63	87,29	57,68	94,83	-58,74	111,55	324	25,63	48,17	-47,50	67,65	315
Y_d yellow	0,419	0,505	69,29	83,50	12,46	93,23	-20,83	91,22	93,56	110	83,50	-0,83	62,77	62,78	90
<i>three additive basic colours: television colours according to ITU-R BT.709.3 and sRGB display according to IEC 61966-2-1</i>															
R_d Red (orange red)	0,640	0,330	37,10	19,13	1,73	50,84	77,31	64,87	100,93	19	19,13	47,35	15,27	49,75	17
G_d Green (leaf green)	0,300	0,600	32,18	64,36	10,72	84,15	-83,21	80,31	115,65	144	64,36	-48,18	47,49	67,66	135
B_d Blue (violet blue)	0,150	0,060	16,24	6,49	85,55	30,63	76,46	-104,14	129,19	290	6,49	0,82	-62,78	62,78	270
<i>achromatic colours and equations:</i>	$a_{20} = 1,0; b_{20} = -0,4; x_c = 0,110; B_c = 0,8; A_{2d}=2,5[a_{2d}-a_{2n}]Y_d; B_{2d}=2,5B_c[b_{2d}-b_{2n}]Y_d;$ $a_n=(x_w-x_c)/y_w; b_n=-0,4[z_w/y_w]; a_d=(x_d-x_c)/y_d; b_d=-0,4[z_d/y_d]; z_d = 1 - x_d - y_d$										$C_{AB2,d} = [A_{2d}^2 + B_{2d}^2]^{1/2}; h_{AB2,d} = \text{atan}[B_{2d} / A_{2d}]$ compare CIE 230:2019				
$W0$ (white monitor, 100%)	0,312	0,329	95,05	100,00	108,90	100,00	0,00	0,00	0,00	0	100,00	0,00	0,00	0,00	0
$W1$ (white monitor, 88,6%)	0,312	0,329	84,21	88,60	96,48	95,40	0,00	0,00	0,00	0	88,60	0,00	0,00	0,00	0
NI (black monitor, 2,5%)	0,312	0,329	2,37	2,50	2,72	18,00	0,00	0,00	0,00	0	2,50	0,00	0,00	0,00	0
NO (black monitor, 0,00%)	0,312	0,329	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	0