

Basic television colour or mixture colour for D65 CIE data for $Y_W=100$	chromaticity		tristimulus values ($Y_d=100,0$ for white D65)			Standard CIELAB data $LabC^*_{ab}h_{ab}$ ($L^*_d=100,0$ for white; $L^*_d=0,0$ for black)					Standard YABCh data $YABC_{AB}h_{AB}$ ($Y_d=100,0$ for white; $Y_d=0,0$ for black)				
	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_d	B_d	$C_{AB,d}$	$h_{AB,d}$
<i>three additive mixture colours: television colours according to ITU-R BT.2020-2 and Wide Colour Gamut WCG display</i>															
C_d cyan (cyan blue)	0,146	0,344	31,34	73,72	108,90	88,79	−106,24	−19,32	107,98	190	73,72	−40,74	−10,50	42,08	194
M_d magenta (magenta red)	0,368	0,147	80,58	32,20	106,09	63,50	130,51	−61,18	144,14	334	32,20	52,57	−26,08	58,69	333
Y_d yellow	0,446	0,537	78,15	94,06	2,80	97,66	−21,48	136,88	138,56	98	94,06	−11,84	36,59	38,46	107
<i>three additive basic colours: television colours according to ITU-R BT.2020-2 and Wide Colour Gamut WCG display</i>															
R_d Red (orange red)	0,708	0,292	63,69	26,26	0,00	58,29	117,31	100,50	154,48	40	26,26	40,74	10,50	42,07	14
G_d Green (leaf green)	0,170	0,797	14,46	67,79	2,80	85,90	−172,32	116,61	208,07	145	67,79	−52,58	26,08	58,70	153
B_d Blue (violet blue)	0,131	0,046	16,88	5,93	106,09	29,23	86,10	−120,27	147,92	305	5,93	11,83	−36,59	38,46	287
<i>achromatic colours and equations:</i>		$X_0 = X_d / 0,9505; \quad Y_0 = Y_d; \quad Z_0 = Z_d / 1,0890; \quad A_d = X_0 - Y_0; \quad B_d = 0,4 [Y_0 - Z_0]; \quad C_{AB,d} = [A_d^2 + B_d^2]^{1/2}; \quad h_{AB,d} = \text{atan}[B_d / A_d]$ or $a_n = x_W/y_W; \quad b_n = -0,4[z_W/y_W]; \quad a_d = x_d/y_d; \quad b_d = -0,4[z_d/y_d]; \quad A_d = [a_d - a_n]Y_d; \quad B_d = [b_d - b_n]Y_d;$ 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
$N1$ (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
$N0$ (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