

Basic television colour or mixture colour for D65 CIE data for $Y_{P1}=100$		chromaticity		tristimulus values ($Y_{P1}=100,00$ for D65)			Standard CIELAB data $L^*a^*b^*C^*_{ab}h_{ab}$ ($L^*_{P1}=100,00$ for D65)					Standard data $Y_{A2}B_2C_{AB2}h_{AB2}$, $B_c=0,8$ ($Y_{P1}=100,00$ for white D65)				
		x	y	X	Y	Z	L^*	a^*	b^*	C^*_{ab}	h_{ab}	Y_{P1}	A_2	B_2	C_{AB2}	h_{AB2}
<i>three additive mixture colours: television colours according to ITU-R BT.2100-2 and Wide Colour Gamut WCGa display according to ISO 22028-5, Table 1</i>																
C_{P1}	Cyan (cyan blue)	0,146	0,344	31,34	73,72	108,90	88,79	-106,24	-19,32	107,98	194	73,72	-94,03	-22,88	96,78	193
M_{P1}	Magenta (magenta red)	0,368	0,147	80,58	32,20	106,09	63,50	130,51	-61,18	144,14	333	32,20	91,66	-56,82	107,85	328
Y_{P1}	Yellow	0,446	0,537	78,15	94,06	2,80	97,66	-21,48	136,88	138,56	107	94,06	2,36	79,71	79,74	88
<i>three additive basic colours: television colours according to ITU-R BT.2100-2 and Wide Colour Gamut WCGa display according to ISO 22028-5, Table 1</i>																
R_{P1}	Red (orange red)	0,708	0,292	63,69	26,26	0,00	58,29	117,31	100,50	154,48	14	26,26	94,03	22,88	96,78	13
G_{P1}	Green (leaf green)	0,170	0,797	14,46	67,79	2,80	85,90	-172,32	116,61	208,07	153	67,79	-91,67	56,82	107,85	148
B_{P1}	Blue (violet blue)	0,131	0,046	16,88	5,93	106,09	29,23	86,10	-120,27	147,92	287	5,93	-2,36	-79,70	79,74	268
<i>achromatic colours and equations:</i>		$a_{20} = 1,0; b_{20} = -0,4; x_c = 0,110; B_c = 0,8; A_{2d}=2,5[a_{2d}-a_{2n}]Y_d; B_{2d}=2,5B_c[b_{2d}-b_{2n}]Y_d;$										$C_{AB2,d} = [A_{2d}^2 + B_{2d}^2]^{1/2}; h_{AB2,d} = \text{atan}[B_{2d} / A_{2d}]$				
		$a_n=(x_w-x_c)/y_w; b_n=-0,4[z_w/y_w]; a_d=(x_d-x_c)/y_d; b_d=-0,4[z_d/y_d]; z_d = 1 - x_d - y_d$										compare CIE 230:2019				
W_{P1}	(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
W_{D0}	(white monitor, 88,6%)	0,312	0,329	84,21	88,60	96,48	95,41	0,00	0,00	0,00	0	88,60	0,00	0,00	0,00	0
N_{d0}	(black monitor, 2,5%)	0,312	0,329	2,37	2,50	2,72	17,91	0,00	0,00	0,00	0	2,50	0,00	0,00	0,00	0
N_{p1}	(black monitor, 1,8%)	0,312	0,329	1,71	1,80	1,96	14,40	0,00	0,00	0,00	0	1,80	0,00	0,00	0,00	0