

Basic television colour or mixture colour for D65 CIE data for $Y_{D0}=88,6$	chromaticity		tristimulus values ( $Y_{D0}=88,60$ for D65)			Standard CIELAB data $L^*a^*b^*C^*_{ab}h_{ab}$ ( $L^*_{D0}=88,60$ for D65)					Standard data $Y_{A2}B_2C_{AB2}h_{AB2}$ , $B_c=0,8$ ( $Y_{WD0}=88,60$ for white D65)				
	$x$	$y$	$X$	$Y$	$Z$	$L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h_{ab}$	$Y_{D0}$	$A_2$	$B_2$	$C_{AB2}$	$h_{AB2}$
<i>three additive mixture colours: television colours according to ITU-R BT.709.3 and sRGB display according to IEC 61966-2-1</i>															
$C_{D0}$ Cyan (cyan blue)	0,224	0,328	47,67	69,76	94,78	86,88	-46,18	-13,57	48,13	199	69,76	-46,62	-15,04	48,99	197
$M_{D0}$ Magenta (magenta red)	0,320	0,154	52,52	25,23	85,93	57,30	94,34	-58,43	110,97	324	25,23	47,42	-46,76	66,60	315
$Y_{D0}$ Yellow	0,419	0,505	68,21	82,20	12,27	92,66	-20,72	90,74	93,08	110	82,20	-0,81	61,80	61,80	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>															
$R_{D0}$ Red (orange red)	0,640	0,330	36,53	18,83	1,71	50,49	76,91	64,54	100,40	19	18,83	46,61	15,04	48,98	17
$G_{D0}$ Green (leaf green)	0,300	0,600	31,68	63,36	10,56	83,63	-82,78	79,89	115,04	144	63,36	-47,43	46,75	66,60	135
$B_{D0}$ Blue (violet blue)	0,150	0,060	15,99	6,39	84,22	30,39	76,06	-103,59	128,52	290	6,39	0,80	-61,80	61,81	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				
$W_{P1}$ (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