

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 <sub>2</sub> 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.2020-2 &amp; ISO 22028-5: Wide Colour Gamut WCGa display</i>															
$C_d$ cyan (cyan blue)	0,146	0,344	28,21	66,35	98,01	85,17	-102,57	-18,65	104,25	194	66,35	-84,63	-20,59	87,10	193
$M_d$ magenta (magenta red)	0,368	0,147	72,52	28,97	95,48	60,76	126,01	-59,07	139,17	333	28,97	82,50	-51,14	97,06	328
$Y_d$ yellow	0,446	0,537	70,34	84,66	2,52	93,73	-20,74	132,16	133,77	107	84,66	2,12	71,74	71,77	88
<i>three additive basic colours: television colours according to ITU-R BT.2020-2 &amp; ISO 22028-5: Wide Colour Gamut WCGa display</i>															
$R_d$ Red (orange red)	0,708	0,292	57,32	23,64	0,00	55,72	113,27	96,08	148,53	14	23,64	84,63	20,59	87,10	13
$G_d$ Green (leaf green)	0,170	0,797	13,01	61,01	2,52	82,38	-166,37	112,59	200,89	153	61,01	-82,50	51,14	97,06	148
$B_d$ Blue (violet blue)	0,131	0,046	15,19	5,33	95,48	27,67	83,13	-116,12	142,81	287	5,33	-2,12	-71,73	71,77	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				
$W0$ (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