see similar files of the whole serie: http://farbe.li.tu-berlin.de/eevs.htm
technical information: http://farbe.li.tu-berlin.de or http://color.li.tu-berlin.de

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}	$C_{AB2,d}$	$h_{AB2,d}$
three additive mixture colours: television colours according to ITU-R BT.709.3 and sRGB display according to IEC 61966−2−1															
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
three additive basic colours: television colours according to ITU-R BT.709.3 and sRGB display according to IEC 61966−2−1															
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
achromatic colours and equations:	$a_{2D}=1,0$; $b_{2D}=-0,4$; $x_c=0,110$; $B_c=0,8$; $A_{2d}=2,5[o_{2d}-a_{2D}]Y_d$; $B_{2d}=2,5B_c[b_{2d}-b_{2D}]Y_d$; $a_d=(x_W-x_c)/y_W$; $b_d=-0,4[z_W/y_W]$; $a_d=(x_d-x_c)/y_d$; $b_d=-0,4[z_d/y_d]$; $z_d=1-x_d-y_d$										$C_{AB2,d}=[A_{2d}^2+B_{2d}^2]^{1/2}$; $h_{AB2,d}=\text{atan}[B_{2d}/A_{2d}]$ 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
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

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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}	$C_{AB2,d}$	$h_{AB2,d}$
three additive mixture colours: television colours according to ITU-R BT.2020-2 & ISO 22028-5: Wide Colour Gamut WCGa display															
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
three additive basic colours: television colours according to ITU-R BT.2020-2 & ISO 22028-5: Wide Colour Gamut WCGa display															
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
achromatic colours and equations:	$a_{2D}=1,0$; $b_{2D}=-0,4$; $x_c=0,110$; $B_c=0,8$; $A_{2d}=2,5[o_{2d}-a_{2D}]Y_d$; $B_{2d}=2,5B_c[b_{2d}-b_{2D}]Y_d$; $a_d=(x_W-x_c)/y_W$; $b_d=-0,4[z_W/y_W]$; $a_d=(x_d-x_c)/y_d$; $b_d=-0,4[z_d/y_d]$; $z_d=1-x_d-y_d$										$C_{AB2,d}=[A_{2d}^2+B_{2d}^2]^{1/2}$; $h_{AB2,d}=\text{atan}[B_{2d}/A_{2d}]$ 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
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

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