

Basic television colour or mixture colour for D65 CIE data for $Y_W=100$	chromaticity		tristimulus values ($Y_d=100,0$ for white D65)		
	x_d	y_d	X_d	Y_d	Z_d
<i>three additive mixture colours of ITU-R BT.709.3, sRGB, IEC 61966-2-1</i>					
C_d Cyan (Cyan blue)	0,224	0,328	53,81	78,74	106,98
M_d Magenta (magenta red)	0,320	0,154	59,28	28,48	96,99
Y_d Yellow	0,419	0,505	76,99	92,78	13,85
<i>three additive basic colours of ITU-R BT.709.3, sRGB, IEC 61966-2-1</i>					
R_d Red (orange red)	0,640	0,330	41,23	21,26	1,93
G_d Green (leaf green)	0,300	0,600	35,76	71,52	11,91
B_d Blue (violet blue)	0,150	0,060	18,05	7,22	95,06
<i>achromatic colours with different normalization:</i>					
W_0 (white monitor, 100%)	0,312	0,329	95,05	100,00	108,90
W_1 (white monitor, 90,0%)	0,312	0,329	84,21	88,60	96,48
N_1 (black monitor, 2,5%)	0,312	0,329	2,37	2,50	2,72
N_0 (black monitor, 0,00%)	0,312	0,329	0,00	0,00	0,00

eev50-3n

Basic television colour or mixture colour for D65 CIE data for $Y_W=100$	chromaticity		tristimulus values ($Y_d=100,0$ for white D65)		
	x_d	y_d	X_d	Y_d	Z_d
<i>three additive mixture colours of ITU-R BT.2020-2 & ISO 22028-5: Wide Colour Gamut</i>					
C_d Cyan (Cyan blue)	0,146	0,344	31,34	73,72	108,90
M_d Magenta (magenta red)	0,368	0,147	80,58	32,20	106,09
Y_d Yellow	0,446	0,537	78,15	94,06	2,80
<i>three additive basic colours of ITU-R BT.2020-2 & ISO 22028-5: Wide Colour Gamut</i>					
R_d Red (orange red)	0,708	0,292	63,69	26,26	0,00
G_d Green (leaf green)	0,170	0,797	14,46	67,79	2,80
B_d Blue (violet blue)	0,131	0,046	16,88	5,93	106,09
<i>achromatic colours with different normalization:</i>					
W_0 (white monitor, 100%)	0,312	0,329	95,05	100,00	108,90
W_1 (white monitor, 90,0%)	0,312	0,329	84,21	88,60	96,48
N_1 (black monitor, 2,5%)	0,312	0,329	2,37	2,50	2,72
N_0 (black monitor, 0,00%)	0,312	0,329	0,00	0,00	0,00

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Basic television colour or mixture colour for D65 CIE data for $Y_W=90,0$	chromaticity		tristimulus values ($Y_d=90,0$ for white D65)		
	x_d	y_d	X_d	Y_d	Z_d
<i>three additive mixture colours of ITU-R BT.709.3, sRGB, IEC 61966-2-1</i>					
C_d Cyan (Cyan blue)	0,224	0,328	48,42	70,86	96,28
M_d Magenta (magenta red)	0,320	0,154	53,35	25,63	87,29
Y_d Yellow	0,419	0,505	69,29	83,50	12,46
<i>three additive basic colours of ITU-R BT.709.3, sRGB, IEC 61966-2-1</i>					
R_d Red (orange red)	0,640	0,330	37,10	19,13	1,73
G_d Green (leaf green)	0,300	0,600	32,18	64,36	10,72
B_d Blue (violet blue)	0,150	0,060	16,24	6,49	85,55
<i>achromatic colours with different normalization:</i>					
W_0 (white monitor, 100%)	0,312	0,329	95,05	100,00	108,90
W_1 (white monitor, 90,0%)	0,312	0,329	84,21	88,60	96,48
N_1 (black monitor, 2,5%)	0,312	0,329	2,37	2,50	2,72
N_0 (black monitor, 0,00%)	0,312	0,329	0,00	0,00	0,00

eev51-3n

Basic television colour or mixture colour for D65 CIE data for $Y_W=90,0$	chromaticity		tristimulus values ($Y_d=90,0$ for white D65)		
	x_d	y_d	X_d	Y_d	Z_d
<i>three additive mixture colours of ITU-R BT.2020-2 & ISO 22028-5: Wide Colour Gamut</i>					
C_d Cyan (Cyan blue)	0,146	0,344	28,21	66,35	98,01
M_d Magenta (magenta red)	0,368	0,147	72,52	28,97	95,48
Y_d Yellow	0,446	0,537	70,34	84,66	2,52
<i>three additive basic colours of ITU-R BT.2020-2 & ISO 22028-5: Wide Colour Gamut</i>					
R_d Red (orange red)	0,708	0,292	57,32	23,64	0,00
G_d Green (leaf green)	0,170	0,797	13,01	61,01	2,52
B_d Blue (violet blue)	0,131	0,046	15,19	5,33	95,48
<i>achromatic colours with different normalization:</i>					
W_0 (white monitor, 100%)	0,312	0,329	95,05	100,00	108,90
W_1 (white monitor, 90,0%)	0,312	0,329	84,21	88,60	96,48
N_1 (black monitor, 2,5%)	0,312	0,329	2,37	2,50	2,72
N_0 (black monitor, 0,00%)	0,312	0,329	0,00	0,00	0,00

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see similar files of the whole serie: <http://farbe.li.tu-berlin.de/eev5.htm> or <http://color.li.tu-berlin.de>

TUB registration: 20230801-eev5/eev510na.txt / .ps
 application for evaluation and measurement of display or print output
 TUB material: code=rh4ta