

Basic television colour or mixture colour for D65 CIE data for $Y_{P1}=100$	chromaticity		tristimulus values ($Y_{P1}=100,00$ for D65)		
	x	y	X	Y	Z
<i>three additive mixture colours of ITU-R BT.709.3, sRGB, IEC 61966-2-1</i>					
C_{P1} Cyan (cyan blue)	0,224	0,328	53,81	78,74	106,98
M_{P1} Magenta (magenta red)	0,320	0,154	59,28	28,48	96,99
Y_{P1} 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_{P1} Red (orange red)	0,640	0,330	41,23	21,26	1,93
G_{P1} Green (leaf green)	0,300	0,600	35,76	71,52	11,91
B_{P1} Blue (violet blue)	0,150	0,060	18,05	7,22	95,06
<i>achromatic colours with different normalization:</i>					
W_{P1} (white monitor, 100%)	0,312	0,329	95,05	100,00	108,90
W_{D0} (white monitor, 88,6%)	0,312	0,329	84,21	88,60	96,48
N_{d0} (black monitor, 2,5%)	0,312	0,329	2,37	2,50	2,72
N_{p1} (black monitor, 1,8%)	0,312	0,329	1,71	1,80	1,96

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Basic television colour or mixture colour for D65 CIE data for $Y_{P1}=100$	chromaticity		tristimulus values ($Y_{P1}=100,00$ for D65)		
	x	y	X	Y	Z
<i>three additive mixture colours of ITU-R BT.2100-2 & ISO 22028-5 Wide Colour Gamut</i>					
C_{P1} Cyan (cyan blue)	0,146	0,344	31,34	73,72	108,90
M_{P1} Magenta (magenta red)	0,368	0,147	80,58	32,20	106,09
Y_{P1} Yellow	0,446	0,537	78,15	94,06	2,80
<i>three additive basic colours of ITU-R BT.2100-2 & ISO 22028-5 Wide Colour Gamut</i>					
R_{P1} Red (orange red)	0,708	0,292	63,69	26,26	0,00
G_{P1} Green (leaf green)	0,170	0,797	14,46	67,79	2,80
B_{P1} Blue (violet blue)	0,131	0,046	16,88	5,93	106,09
<i>achromatic colours with different normalization:</i>					
W_{P1} (white monitor, 100%)	0,312	0,329	95,05	100,00	108,90
W_{D0} (white monitor, 88,6%)	0,312	0,329	84,21	88,60	96,48
N_{d0} (black monitor, 2,5%)	0,312	0,329	2,37	2,50	2,72
N_{p1} (black monitor, 1,8%)	0,312	0,329	1,71	1,80	1,96

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Basic television colour or mixture colour for D65 CIE data for $Y_{P1}=100$	Standard CIELAB data $L^*a^*b^*C^*_{ab}h_{ab}$ ($L^*_{P1}=100,00$ for D65)				
	L^*	a^*	b^*	C^*_{ab}	h_{ab}
<i>three additive mixture colours of ITU-R BT.709.3, sRGB, IEC 61966-2-1</i>					
C_{P1} Cyan (cyan blue)	91,11	-48,08	-14,13	50,11	199
M_{P1} Magenta (magenta red)	60,31	98,22	-60,84	115,54	324
Y_{P1} Yellow	97,13	-21,57	94,48	96,91	110
<i>three additive basic colours of ITU-R BT.709.3, sRGB, IEC 61966-2-1</i>					
R_{P1} Red (orange red)	53,23	80,07	67,19	104,53	19
G_{P1} Green (leaf green)	87,73	-86,18	83,18	119,78	144
B_{P1} Blue (violet blue)	32,30	79,19	-107,86	133,81	290
<i>achromatic colours with different normalization:</i>					
W_{P1} (white monitor, 100%)	100,00	0,00	0,00	0,00	0
W_{D0} (white monitor, 88,6%)	95,41	0,00	0,00	0,00	0
N_{d0} (black monitor, 2,5%)	17,91	0,00	0,00	0,00	0
N_{p1} (black monitor, 1,8%)	14,40	0,00	0,00	0,00	0

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Basic television colour or mixture colour for D65 CIE data for $Y_{P1}=100$	Standard CIELAB data $L^*a^*b^*C^*_{ab}h_{ab}$ ($L^*_{P1}=100,00$ for D65)				
	L^*	a^*	b^*	C^*_{ab}	h_{ab}
<i>three additive mixture colours of ITU-R BT.2100-2 & ISO 22028-5 Wide Colour Gamut</i>					
C_{P1} Cyan (cyan blue)	88,79	-106,24	-19,32	107,98	194
M_{P1} Magenta (magenta red)	63,50	130,51	-61,18	144,14	333
Y_{P1} Yellow	97,66	-21,48	136,88	138,56	107
<i>three additive basic colours of ITU-R BT.2100-2 & ISO 22028-5 Wide Colour Gamut</i>					
R_{P1} Red (orange red)	58,29	117,31	100,50	154,48	14
G_{P1} Green (leaf green)	85,90	-172,32	116,61	208,07	153
B_{P1} Blue (violet blue)	29,23	86,10	-120,27	147,92	287
<i>achromatic colours with different normalization:</i>					
W_{P1} (white monitor, 100%)	100,00	0,00	0,00	0,00	0
W_{D0} (white monitor, 88,6%)	95,41	0,00	0,00	0,00	0
N_{d0} (black monitor, 2,5%)	17,91	0,00	0,00	0,00	0
N_{p1} (black monitor, 1,8%)	14,40	0,00	0,00	0,00	0

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 technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

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