

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 $Y_{D0}=88,6$	chromaticity		tristimulus values ( $Y_{D0}=88,60$ for D65)		
	x	y	X	Y	Z
<i>three additive mixture colours of ITU-R BT.709.3, sRGB, IEC 61966-2-1</i>					
$C_{D0}$ Cyan (cyan blue)	0,224	0,328	47,67	69,76	94,78
$M_{D0}$ Magenta (magenta red)	0,320	0,154	52,52	25,23	85,93
$Y_{D0}$ Yellow	0,419	0,505	68,21	82,20	12,27
<i>three additive basic colours of ITU-R BT.709.3, sRGB, IEC 61966-2-1</i>					
$R_{D0}$ Red (orange red)	0,640	0,330	36,53	18,83	1,71
$G_{D0}$ Green (leaf green)	0,300	0,600	31,68	63,36	10,56
$B_{D0}$ Blue (violet blue)	0,150	0,060	15,99	6,39	84,22
<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 &amp; 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 &amp; 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 $Y_{D0}=88,6$	chromaticity		tristimulus values ( $Y_{D0}=88,60$ for D65)		
	x	y	X	Y	Z
<i>three additive mixture colours of ITU-R BT.2100-2 &amp; ISO 22028-5 Wide Colour Gamut</i>					
$C_{D0}$ Cyan (cyan blue)	0,146	0,344	27,77	65,32	96,48
$M_{D0}$ Magenta (magenta red)	0,368	0,147	71,39	28,52	94,00
$Y_{D0}$ Yellow	0,446	0,537	69,24	83,34	2,48
<i>three additive basic colours of ITU-R BT.2100-2 &amp; ISO 22028-5 Wide Colour Gamut</i>					
$R_{D0}$ Red (orange red)	0,708	0,292	56,43	23,27	0,00
$G_{D0}$ Green (leaf green)	0,170	0,797	12,81	60,07	2,48
$B_{D0}$ Blue (violet blue)	0,131	0,046	14,96	5,25	94,00
<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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 technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

TUB registration: 20230801-fens/fen510na.txt / .ps  
 application for evaluation and measurement of display or print output  
 TUB material: code=rh4ta