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TUB registration: 20240301-fem7/fem710np.pdf / .ps
 application for evaluation and measurement of display or print output
 TUB material: code=rh4ta

Basic television colour or mixture colour for D65 CIE data: $Y_{WD0}=90$	chromaticity		tristimulus values ($Y_{d,p0}=90$ for 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_{D0} Cyan 90 ($rgb=rgb^*=0\ 1\ 1$)	0,224	0,328	53,81	78,74	106,98
M_{D0} Magenta 90 ($rgb=rgb^*=1\ 0\ 1$)	0,320	0,154	59,28	28,48	96,99
Y_{D0} Yellow 90 ($rgb=rgb^*=1\ 1\ 0$)	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_{D0} Red 90 ($rgb=rgb^*=1\ 0\ 0$)	0,640	0,330	41,23	21,26	1,93
G_{D0} Green 90 ($rgb=rgb^*=0\ 1\ 0$)	0,300	0,600	35,76	71,52	11,91
B_{D0} Blue 90 ($rgb=rgb^*=0\ 0\ 1$)	0,150	0,060	18,05	7,22	95,06
<i>achromatic colours with different normalization:</i>					
W_{D0} White 90 ($rgb=rgb^*=1\ 1\ 1$)	0,312	0,329	85,54	90,00	98,01
N_{d0} Black 2,5 ($rbg=rgb^*=0\ 0\ 0$)	0,312	0,329	2,13	2,25	2,45
N_{p1} Black 1,8 ($rgb^*=q\ q\ q$) $q=-0,03$	0,312	0,329	1,53	1,61	1,76

fem70-3n

Basic television colour or mixture colour for D65 CIE data for White $Y_{WP1}=200$	chromaticity		tristimulus values ($Y_{d,p1}=200$ for 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_{P1} Cyan 200 ($rgb^*=0\ p\ p$)	0,224	0,328	107,62	157,48	213,96
M_{P1} Magenta 200 ($rgb^*=p\ 0\ p$)	0,320	0,154	118,56	56,96	193,99
Y_{P1} Yellow 200 ($rgb^*=p\ p\ 0$)	0,419	0,505	153,98	185,56	27,70
<i>three additive basic colours of ITU-R BT.709.3, sRGB, IEC 61966-2-1</i>					
R_{P1} Red 200 ($rgb^*=p\ 0\ 0$)	0,640	0,330	82,46	42,52	3,86
G_{P1} Green 200 ($rgb^*=0\ p\ 0$)	0,300	0,600	71,52	143,04	23,83
B_{P1} Blue 200 ($rgb^*=0\ 0\ p$)	0,150	0,060	36,10	14,44	190,12
<i>achromatic colours with different normalization:</i>					
W_{P1} White 200 ($rgb^*=p\ p\ p$) $p=1,30$	0,312	0,329	190,10	200,00	217,80
W_{D0} White 100 ($rgb=rgb^*=1\ 1\ 1$)	0,312	0,329	95,05	100,00	108,90
N_{d0} Black 2,5 ($rbg=rgb^*=0\ 0\ 0$)	0,312	0,329	2,37	2,50	2,72
N_{p1} Black 1,8 ($rgb^*=q\ q\ q$) $q=-0,03$	0,312	0,329	1,71	1,80	1,96

fem71-3n

Basic television colour or mixture colour for D65 CIE data for White $Y_{WP0}=100$	chromaticity		tristimulus values ($Y_{d,p0}=100$ for 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_{P0} Cyan 100 ($rgb=rgb^*=0\ 1\ 1$)	0,224	0,328	53,81	78,74	106,98
M_{P0} Magenta 100 ($rgb=rgb^*=1\ 0\ 1$)	0,320	0,154	59,28	28,48	96,99
Y_{P0} Yellow 100 ($rgb=rgb^*=1\ 1\ 0$)	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_{P0} Red 100 ($rgb=rgb^*=1\ 0\ 0$)	0,640	0,330	41,23	21,26	1,93
G_{P0} Green 100 ($rgb=rgb^*=0\ 1\ 0$)	0,300	0,600	35,76	71,52	11,91
B_{P0} Blue 100 ($rgb=rgb^*=0\ 0\ 1$)	0,150	0,060	18,05	7,22	95,06
<i>achromatic colours with different normalization:</i>					
W_{P0} White 100 ($rgb^*=p\ p\ p$) $p=1,04$	0,312	0,329	95,05	100,00	108,90
W_{D0} White 90 ($rgb=rgb^*=1\ 1\ 1$)	0,312	0,329	85,54	90,00	98,01
N_{d0} Black 2,5 ($rbg=rgb^*=0\ 0\ 0$)	0,312	0,329	2,37	2,50	2,72
N_{P0} Black 1,8 ($rgb^*=q\ q\ q$) $q=-0,03$	0,312	0,329	1,71	1,80	1,96

fem70-7n

Basic television colour or mixture colour for D65 CIE data for White $Y_{WP2}=500$	chromaticity		tristimulus values ($Y_{d,p2}=500$ for 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_{P2} Cyan 500 ($rgb^*=0\ p\ p$)	0,224	0,328	269,05	393,70	534,91
M_{P2} Magenta 500 ($rgb^*=p\ 0\ p$)	0,320	0,154	296,40	142,39	484,98
Y_{P2} Yellow 500 ($rgb^*=p\ p\ 0$)	0,419	0,505	384,95	463,90	69,26
<i>three additive basic colours of ITU-R BT.709.3, sRGB, IEC 61966-2-1</i>					
R_{P2} Red 500 ($rgb^*=p\ 0\ 0$)	0,640	0,330	206,15	106,30	9,66
G_{P2} Green 500 ($rgb^*=0\ p\ 0$)	0,300	0,600	178,80	357,60	59,59
B_{P2} Blue 500 ($rgb^*=0\ 0\ p$)	0,150	0,060	90,25	36,09	475,31
<i>achromatic colours with different normalization:</i>					
W_{P2} White 500 ($rgb^*=p\ p\ p$) $p=1,82$	0,312	0,329	190,10	200,00	217,80
W_{D0} White 100 ($rgb=rgb^*=1\ 1\ 1$)	0,312	0,329	95,05	100,00	108,90
N_{d0} Black 2,5 ($rbg=rgb^*=0\ 0\ 0$)	0,312	0,329	2,37	2,50	2,72
N_{P1} Black 1,8 ($rgb^*=q\ q\ q$) $q=-0,03$	0,312	0,329	1,71	1,80	1,96

fem71-7n