

see similar files: http://130.149.60.45/~farbmetrik/SN55/SN55.HTM
 technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-SN55/SN55LONI.TXT / .PS
 application for measurement of display output

TUB material: code=thata

Basic television colour or mixture colour for D65 CIE data for $Y_W=100$	chromaticity		tristimulus values ($Y=100,00$ for white D65)			Standard CIELAB data LAB^*_d ($L^*=100,00$ for white; $L^*=0,00$ for black)				
	x_d	y_d	X_d	Y_d	Z_d	L^*_d	a^*_d	b^*_d	$C^*_{ab,d}$	$h_{ab,d}$
<i>three additive mixture colours: television colours acc. to ITU-R BT.709-3</i>										
C_d cyan (cyan blue)	0,225	0,329	53,91	78,74	106,97	91,11	-48,08	-14,12	48,12	196
M_d magenta (magenta red)	0,321	0,154	59,29	28,48	96,99	60,32	98,23	-60,82	110,97	328
Y_d yellow	0,419	0,505	77,00	92,78	13,85	97,14	-21,56	94,48	93,07	103
<i>three additive basic colours: television colours acc. to ITU-R BT.709-3</i>										
R_d red (orange red)	0,640	0,330	41,24	21,26	1,93	53,24	80,08	67,20	100,42	40
G_d green (leaf green)	0,300	0,600	35,76	71,52	11,92	87,74	-86,18	83,18	115,04	136
B_d blue (violet blue)	0,150	0,060	18,05	7,22	95,05	32,30	79,19	-107,85	128,52	306
<i>achromatic colours:</i>										
W -	-	-	-	-	-	-	-	-	-	-
W1 (white monitor, 100%)	0,313	0,329	95,05	100,00	108,90	100,00	0,00	0,00	0,00	0
N (black monitor, 0,00%)	0,313	0,329	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0
NO -	-	-	-	-	-	-	-	-	-	-

SN550-3

Basic television colour or mixture colour for D65 TLS00(a) for $Y_W=88,6$	chromaticity		tristimulus values ($Y=88,6$ for white D65)			<i>adapted= standard CIELAB data LAB^*_d</i> ($L^*=95,4$ for white; $L^*=0,00$ for black)					<i>relative CIELAB data lab^*_d</i> ($L^*=95,4$ for white; $L^*=0,00$ for black)								
	x_d	y_d	X_d	Y_d	Z_d	$L^*_{a,d}=L^*_d$	$a^*_{a,d}=a^*_d$	$b^*_{a,d}=b^*_d$	$C^*_{ab,a,d}$	$h_{ab,a,d}$	r^*_d	g^*_d	b^*_d	n^*	c^*	h^*	e^*_c	u^*_c	t^*
<i>three additive mixture colours: television colours acc. to ITU-R BT.709-3</i>																			
C_d cyan (cyan blue)	0,225	0,329	47,67	69,76	94,78	86,88	-46,17	-13,56	48,12	196	0,00	1,00	1,00	0,00	1,00	0,545	0,578	G31B	0,50
M_d magenta (magenta red)	0,321	0,154	52,53	25,24	85,93	57,30	94,35	-58,42	110,97	328	1,00	0,00	1,00	0,00	1,00	0,912	0,875	B50R	0,50
Y_d yellow	0,419	0,505	68,22	82,20	12,27	92,66	-20,70	90,75	93,08	103	1,00	1,00	0,00	0,00	1,00	0,286	0,289	Y15G	0,50
<i>three additive basic colours: television colours acc. to ITU-R BT.709-3</i>																			
R_d red (orange red)	0,640	0,330	36,54	18,84	1,71	50,50	76,92	64,54	100,42	40	1,00	0,00	0,00	0,00	1,00	0,111	0,056	R22Y	0,50
G_d green (leaf green)	0,300	0,600	31,68	63,36	10,56	83,63	-82,77	79,90	115,04	136	0,00	1,00	0,00	0,00	1,00	0,378	0,406	Y62G	0,50
B_d blue (violet blue)	0,150	0,060	15,99	6,40	84,22	30,39	76,06	-103,58	128,52	306	0,00	0,00	1,00	0,00	1,00	0,851	0,825	B29R	0,50
<i>achromatic colours:</i>																			
W (ideal white, 100,00%)	0,313	0,329	95,05	100,00	108,90	100,00	0,00	0,00	0,00	0	1,05	1,05	1,05	0,00	0,00	0,00	0,00	-	1,05
W1 (white monitor, 88,6%)	0,313	0,329	84,21	88,60	96,49	95,41	0,00	0,00	0,00	0	1,00	1,00	1,00	0,00	0,00	0,00	0,00	-	1,00
N (black monitor, 0,00%)	-	-	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	1,00	0,00	0,00	-	0,00
NO -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SN550-7

TUB-test chart SN55; Relative television colour system
 CIE data of 3 basic and 3 mixture colours, $Y_w=100$

input: w/rgb/cmyk -> w/rgb/cmyk_
 output: no change compared