http://farbe.li.tu-berlin.de/AEH3/AEH3L0N1.TXT /.PS; only vector graphic VG; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/1

see similar files: http://farbe.li.tu-berlin.de/AEH3/AEH3.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20201101-AEH3/AEH3L0N1.TXT /.PS
application for evaluation and measurement of display or print output

TUB material: code=lha4ta

sRGB data rgb^*, XYZ$_{YY}$, and L^*ABCh_{AB} in L*ABJND-colour space

Tristimulus values of black and white: Y_{N0}=0, Y_{W0}=88,6

	rgb^*	CIEXYZ data X_{YY}	Y_{YY}	Z_{YY}	x_{YY}	y_{YY}	L^*ABCh_{AB} data L^*_{AB}	A_{AB}	B_{AB}	$C_{ab,AB}$	$h_{ab,AB}$
y_{YY}	1 0 0	36,54	18,84	1,71	0,640	0,330	56,49	49,00	17,26	51,96	**19**
Y_R	1 1 0	76,99	92,78	13,85	0,419	0,505	97,13	−29,45	80,06	85,30	**110**
G_R	0 1 0	35,75	71,51	11,91	0,300	0,600	87,73	−84,74	60,58	104,17	**144**
G_G	0 1 1	53,81	78,74	106,98	0,224	0,328	91,11	−55,31	−19,49	58,65	**199**
B_G	0 0 1	18,04	7,22	95,06	0,150	0,060	32,39	29,42	−80,07	85,30	**290**
M_B	1 0 1	59,28	28,48	96,99	0,320	0,154	60,31	84,71	−60,58	104,15	**324**
N_N	0 0 0	0,01	0,01	0,01	0,333	0,333	0,09	0,00	0,00	0,00	**0**
W_{11}	1 1 1	84,21	88,60	96,48	0,312	0,329	95,41	−0,01	0,00	0,01	**0**
N_{L0}	**0,00**	0,01	0,01	0,01	0,333	0,333	0,09	0,00	0,00	0,00	**0**
W_{L0}	**1,13**	95,05	100,00	108,90	0,312	0,329	100,00	0,00	0,00	0,00	**0**
Z_{L0}	**0,18**	17,11	18,00	19,60	0,312	0,329	49,49	0,00	0,00	0,00	**0**

$A = 250\,[X/X_{N0} - Y/Y_{N0}]$ **[1b]**
$B = 100\,[Y/Y_{N0} - Z/Z_{N0}]$ **[2b]**
$C_{ab} = [A^2 + B^2]^{1/2}$ **[3b]**
$h_{ab} = \mathrm{atan}\,[B/A]$ **[4b]**

AEH30−2N

sRGB data rgb^*, XYZ$_{YY}$, and L^*ABCh_{AB} in L*ABJND-colour space

Tristimulus values of black and white: Y_{N0}=40,3, Y_{W0}=88,6, Y_{W0}=88,6

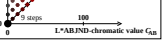
	rgb^*	CIEXYZ data X_{YY}	Y_{YY}	Z_{YY}	x_{YY}	y_{YY}	L^*ABCh_{AB} data L^*_{AB}	A_{AB}	B_{AB}	$C_{ab,AB}$	$h_{ab,AB}$
y_{YY}	1 0 0	58,23	56,58	44,83	0,640	0,330	76,42	26,09	9,41	28,31	**19**
Y_R	1 1 0	80,27	90,87	51,44	0,419	0,505	96,35	−16,04	43,63	46,49	**110**
G_R	0 1 0	57,80	79,29	58,39	0,300	0,600	91,36	−46,18	33,01	56,77	**144**
G_G	0 1 1	67,04	83,22	102,269	0,224	0,328	93,11	−30,14	−10,62	31,96	**199**
B_G	0 0 1	48,15	44,25	95,70	0,150	0,060	72,39	16,02	−43,63	46,48	**290**
M_B	1 0 1	70,62	55,83	96,76	0,320	0,154	79,52	46,16	−33,01	56,75	**324**
N_N	0 0 0	38,32	40,32	43,90	0,333	0,333	69,70	−0,01	0,00	0,01	**0**
W_{11}	1 1 1	84,21	88,60	96,48	0,312	0,329	95,41	−0,00	0,00	0,01	**0**
N_{L0}	**0,00**	38,32	40,32	43,90	0,333	0,333	69,70	−0,01	0,00	0,01	**0**
W_{L0}	**1,13**	90,11	94,81	101,25	0,312	0,329	97,95	0,00	−0,00	0,00	**0**
Z_{L0}	**0,18**	47,64	50,12	54,58	0,312	0,329	75,14	−0,00	0,00	0,01	**0**

$A = 250\,[X/X_{N0} - Y/Y_{N0}]$ **[1b]**
$B = 100\,[Y/Y_{N0} - Z/Z_{N0}]$ **[2b]**
$C_{ab} = [A^2 + B^2]^{1/2}$ **[3b]**
$h_{ab} = \mathrm{atan}\,[B/A]$ **[4b]**

AEH31−2N

sRGB colours (9 steps) with $L^*(Ch)_{AB}$ in L*ABJND-colour space

Tristimulous values of black and white: Y_{N0}=0, Y_{W0}=88,6



AEH30−3N

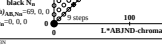
sRGB colours (9 steps) with $L^*(Ch)_{AB}$ in L*ABJND-colour space

Tristimulous values of black and white: Y_{N0}=0, Y_{W0}=88,6

AEH30−4N

sRGB colours (9 steps) with $L^*(Ch)_{AB}$ in L*ABJND-colour space

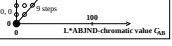
Tristimulous values of black and white: Y_{N0}=40,3, Y_{W0}=88,6, Y_{W0}=88,6



AEH31−2N

sRGB colours (9 steps) with $L^*(Ch)_{AB}$ in L*ABJND-colour space

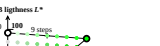
Tristimulous values of black and white: Y_{N0}=40,3, Y_{W0}=88,6, Y_{W0}=88,6



AEH31−4N

sRGB colours (9 steps) with $L^*(Ch)_{AB}$ in L*ABJND-colour space

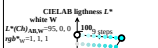
Tristimulous values of black and white: Y_{N0}=0, Y_{W0}=88,6



AEH30−5N

sRGB colours (9 steps) with $L^*(Ch)_{AB}$ in L*ABJND-colour space

Tristimulous values of black and white: Y_{N0}=0, Y_{W0}=88,6



AEH30−6N

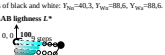
sRGB colours (9 steps) with $L^*(Ch)_{AB}$ in L*ABJND-colour space

Tristimulous values of black and white: Y_{N0}=40,3, Y_{W0}=88,6, Y_{W0}=88,6

AEH31−5N

sRGB colours (9 steps) with $L^*(Ch)_{AB}$ in L*ABJND-colour space

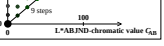
Tristimulous values of black and white: Y_{N0}=40,3, Y_{W0}=88,6, Y_{W0}=88,6



AEH31−6N

sRGB colours (9 steps) with $L^*(Ch)_{AB}$ in L*ABJND-colour space

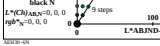
Tristimulous values of black and white: Y_{N0}=0, Y_{W0}=88,6



AEH30−7N

sRGB colours (9 steps) with $L^*(Ch)_{AB}$ in L*ABJND-colour space

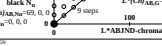
Tristimulous values of black and white: Y_{N0}=0, Y_{W0}=88,6



AEH30−8N

sRGB colours (9 steps) with $L^*(Ch)_{AB}$ in L*ABJND-colour space

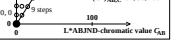
Tristimulous values of black and white: Y_{N0}=40,3, Y_{W0}=88,6, Y_{W0}=88,6



AEH31−7N

sRGB colours (9 steps) with $L^*(Ch)_{AB}$ in L*ABJND-colour space

Tristimulous values of black and white: Y_{N0}=40,3, Y_{W0}=88,6, Y_{W0}=88,6



AEH31−8N

TUB-test chart AEH3; Affine colour metric for six device hues input: *rgb/cmy0 (No 1MR)*
sRGB data *rgb*, XYZ, and L*(Ch)*$_{AB}$, reflection Y_N=0 & Y_{Nn}=2,52, Y_W=88,6, adaptation Y_{Wa}=88,6.