

WGCa data rgb^* , XYZxy, and L^*ABCh_{AB} in L^*ABJND -colour space

Tristimulus values of black and white: $Y_N=0.0$, $Y_W=88.6$

CHEXYZ data									
rgb^*	X	Y	Z	x	y	z	L^*	a^*	b^*
N_B	1.00	95.05	23.27	0.00	0.780	0.219	95.34	90.24	23.27
N_Y	11.0	62.84	83.34	2.40	0.446	0.557	93.16	-26.23	81.06
N_R	10.0	12.81	60.07	0.40	0.169	0.757	81.87	-116.48	57.79
C_G	0.11	27.77	66.12	96.48	0.145	0.348	85.15	-92.75	-22.27
C_Y	0.01	14.06	5.25	94.00	0.130	0.045	77.43	25.22	-81.06
C_B	1.01	71.39	28.52	94.00	0.368	0.147	60.35	116.48	-57.79
N_0	0.00	0.01	0.01	0.01	0.333	0.333	0.00	0.00	0.00
N_1	0.00	0.01	0.01	0.333	0.333	0.333	0.01	-0.01	0.01
N_2	11.11	86.21	88.60	96.48	0.312	0.329	93.41	0.00	0.00
N_3	0.00	0.01	0.01	0.333	0.333	0.333	0.00	0.00	0.00
N_4	11.11	95.05	100.00	100.00	0.312	0.329	100.00	0.00	0.00
N_5	0.00	0.01	0.01	0.333	0.333	0.333	0.00	0.00	0.00
N_6	11.11	17.15	18.00	19.00	0.312	0.329	49.49	0.00	0.00

$A = 250 [1/X_N - 1/Y_N] \cdot 1 [H]$
 $B = 100 [1/Y_N - 1/Z_N] \cdot 1 [H]$
 $C = 100 [1/Z_N - 1/X_N] \cdot 1 [H]$
 $L^* = 100 \cdot \text{atan}[B/A] \cdot 1 [H]$

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L*ABCh data					
rgb^*	L^*	a^*	b^*	C_{AB}	H_{AB}
N_B	100	55	93	14	0
N_Y	93	14	85	107	0
N_R	85	107	93	14	0
C_G	93	14	85	107	0
C_Y	85	107	93	14	0
C_B	93	14	85	107	0
N_0	0	0	0	0	0
N_1	0	0	0	0	0
N_2	0	0	0	0	0
N_3	0	0	0	0	0
N_4	0	0	0	0	0
N_5	0	0	0	0	0
N_6	0	0	0	0	0

$A = 250 [1/X_N - 1/Y_N] \cdot 1 [H]$
 $B = 100 [1/Y_N - 1/Z_N] \cdot 1 [H]$
 $C = 100 [1/Z_N - 1/X_N] \cdot 1 [H]$
 $L^* = 100 \cdot \text{atan}[B/A] \cdot 1 [H]$

$C_{AB} = [A^* \cdot B^*]^{1/2}$
 $H_{AB} = \text{atan}[B^*/A^*]$

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Tristimulus values of black and white: $Y_N=2.5$, $Y_W=88.6$, $Y_{00}=88.6$

CHEXYZ data									
rgb^*	X	Y	Z	x	y	z	L^*	a^*	b^*
N_B	1.00	97.22	23.12	0.00	0.780	0.219	97.26	87.08	23.23
N_Y	11.0	63.86	83.34	2.40	0.446	0.557	93.22	-25.48	78.76
N_R	10.0	14.84	60.08	0.40	0.169	0.757	82.31	-113.15	55.15
C_G	0.11	28.37	63.95	96.48	0.145	0.348	85.48	-90.11	-21.64
C_Y	0.01	14.68	7.92	94.67	0.130	0.045	78.18	25.48	-78.76
C_B	1.01	71.75	28.22	94.67	0.368	0.147	61.85	113.15	-55.15
N_0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N_2	11.11	86.41	88.60	96.48	0.312	0.329	93.41	0.00	0.00
N_3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N_4	11.11	95.05	100.00	100.00	0.312	0.329	100.00	0.00	0.00
N_5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N_6	11.11	17.15	18.00	19.00	0.312	0.329	51.84	0.00	0.00

$A = 250 [1/X_N - 1/Y_N] \cdot 1 [H]$
 $B = 100 [1/Y_N - 1/Z_N] \cdot 1 [H]$
 $C = 100 [1/Z_N - 1/X_N] \cdot 1 [H]$
 $L^* = 100 \cdot \text{atan}[B/A] \cdot 1 [H]$

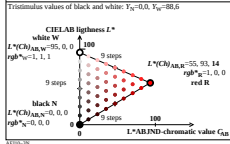
WGCa data rgb^* , XYZxy, and L^*ABCh_{AB} in L^*ABJND -colour space

Tristimulus values of black and white: $Y_N=2.5$, $Y_W=88.6$, $Y_{N0}=88.6$

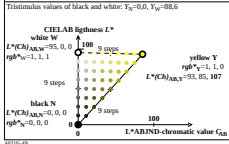
L*ABCh data					
rgb^*	L^*	a^*	b^*	C_{AB}	H_{AB}
N_B	100.00	55.22	93.14	14	0
N_Y	93.14	05.79	85.10	107	0
N_R	85.10	07.12	93.16	103	0
C_G	93.14	05.79	85.10	107	0
C_Y	85.10	07.12	93.16	103	0
C_B	93.14	05.79	85.10	107	0
N_0	0.00	0.00	0.00	0	0
N_1	0.00	0.00	0.00	0	0
N_2	0.00	0.00	0.00	0	0
N_3	0.00	0.00	0.00	0	0
N_4	0.00	0.00	0.00	0	0
N_5	0.00	0.00	0.00	0	0
N_6	0.00	0.00	0.00	0	0

$A = 250 [1/X_N - 1/Y_N] \cdot 1 [H]$ (1b)
 $B = 100 [1/Y_N - 1/Z_N] \cdot 1 [H]$ (1c)
 $C = 100 [1/Z_N - 1/X_N] \cdot 1 [H]$ (1d)
 $L^*_{AB} = \text{atan}[B/A] \cdot 1 [H]$ (1e)

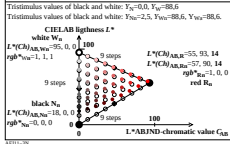
WGCa colours (9 steps) with $L^*(Ch)_{AB}$ in L^*ABJND -colour space



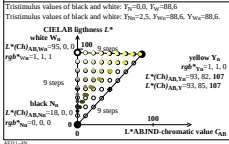
WGCa colours (9 steps) with $L^*(Ch)_{AB}$ in L^*ABJND -colour space



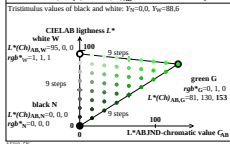
WGCa colours (9 steps) with $L^*(Ch)_{AB}$ in L^*ABJND -colour space



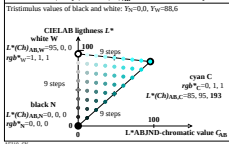
WGCa colours (9 steps) with $L^*(Ch)_{AB}$ in L^*ABJND -colour space



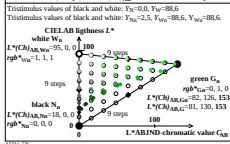
WGCa colours (9 steps) with $L^*(Ch)_{AB}$ in L^*ABJND -colour space



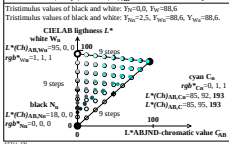
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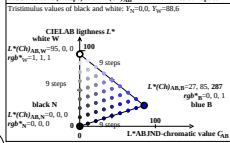
WGCa colours (9 steps) with $L^*(Ch)_{AB}$ in L^*ABJND -colour space



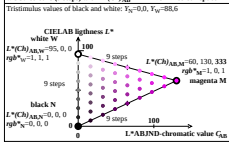
WGCa colours (9 steps) with $L^*(Ch)_{AB}$ in L^*ABJND -colour space



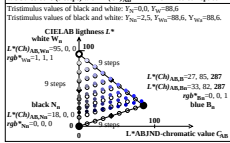
WGCa colours (9 steps) with $L^*(Ch)_{AB}$ in L^*ABJND -colour space



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



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



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

