

http://farbe.li.tu-berlin.de/AEJ0/AEJ0LONA.TXT /PS; only vector graphic VG; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/1

Offs data rgb^* , $XYZxy$, and $LabC^*h_{ab}$ in the CIELAB-colour space

Tristimulus values of black and white: $Y_N=0,0$, $Y_W=88,6$

	rgb^*	CIE XYZ data					LabC [*] h _{ab} data				
		X _d	Y _d	Z _d	x _d	y _d	L _a [*]	a _a [*]	b _a [*]	C _{ab} [*]	h _{ab}
R _d	1 0 0	29,01	16,24	4,26	0,585	0,328	47,28	63,84	41,22	76,00	32
Y _d	1 1 0	63,74	72,69	8,27	0,440	0,502	88,29	-11,92	95,13	95,87	97
G _d	0 1 0	8,53	20,04	9,58	0,223	0,525	51,89	-68,78	28,10	74,31	157
C _d	0 1 1	18,74	26,27	69,01	0,164	0,230	58,29	-29,21	-43,70	52,57	236
B _d	0 0 1	6,22	4,51	22,65	0,186	0,135	25,29	23,51	-47,30	52,82	296
M _d	1 0 1	32,46	16,95	23,04	0,448	0,233	48,19	72,77	-8,48	73,27	353
N _d	0 0 0	0,01	0,01	0,01	0,333	0,333	0,09	0,02	0,01	0,02	0
W _d	1 1 1	84,21	88,60	96,48	0,312	0,329	95,41	-0,00	0,00	0,00	0
N1 _d	0,00	0,01	0,01	0,01	0,333	0,333	0,09	0,02	0,01	0,02	0
W1 _d	1,13	95,05	100,00	108,90	0,312	0,329	100,00	0,00	0,00	0,00	0
Z1 _d	0,18	17,11	18,00	19,60	0,312	0,329	49,49	0,00	0,00	0,00	0

AEJ00-1N

Offs data rgb^* , $XYZxy$, and $LabC^*h_{ab}$ in the CIELAB-colour space

Tristimulus values of black and white: $Y_N=0,0$, $Y_W=88,6$

	rgb^*	CIE XYZ data					LabC [*] h _{ab} data				
		X _d	Y _d	Z _d	x _d	y _d	L _a [*]	a _a [*]	b _a [*]	C _{ab} [*]	h _{ab}
R _d	1 0 0	47	63	41	76	32					
Y _d	1 1 0	88	-11	95	95	97					
G _d	0 1 0	51	-68	28	74	157					
C _d	0 1 1	58	-29	-43	52	236					
B _d	0 0 1	25	23	-47	52	296					
M _d	1 0 1	48	72	-8	73	353					
N _d	0 0 0	0	0	0	0	0					
W _d	1 1 1	95	0	0	0	0					

$a^* = 500 \left[(X / X_{D65})^{1/3} - (Y / Y_{D65})^{1/3} \right] [1a]$
 $b^* = 200 \left[(Y / Y_{D65})^{1/3} - (Z / Z_{D65})^{1/3} \right] [2a]$
 $C^*_{ab} = [a^{*2} + b^{*2}]^{0.5} [3a]$
 $h_{ab} = \text{atan} [b^* / a^*] [4a]$

AEJ00-2N

Offs data rgb^* , $XYZxy$, and $LabC^*h_{ab}$ in the CIELAB-colour space

Tristimulus values of black and white: $Y_N=2,5$, $Y_W=88,6$, $Y_{Wa}=88,6$

	rgb^*	CIE XYZ data					LabC [*] h _{ab} data				
		X _d	Y _d	Z _d	x _d	y _d	L _a [*]	a _a [*]	b _a [*]	C _{ab} [*]	h _{ab}
R _d	1 0 0	30,58	18,29	6,87	0,585	0,328	49,85	58,76	33,89	67,83	29
Y _d	1 1 0	64,32	73,14	10,77	0,440	0,502	88,51	-11,52	87,69	88,44	97
G _d	0 1 0	10,68	21,99	12,04	0,223	0,525	54,02	-60,51	24,72	65,36	157
C _d	0 1 1	20,60	28,04	69,79	0,164	0,230	59,92	-26,90	-41,53	49,48	237
B _d	0 0 1	8,44	6,90	24,74	0,186	0,135	31,58	17,99	-40,00	43,86	294
M _d	1 0 1	33,93	18,98	25,12	0,448	0,233	50,67	67,32	-7,71	67,76	353
N _d	0 0 0	2,40	2,52	2,74	0,333	0,333	18,05	0,10	0,03	0,11	19
W _d	1 1 1	84,21	88,60	96,48	0,312	0,329	95,41	-0,00	0,00	0,00	0
N1 _d	0,00	2,40	2,52	2,74	0,333	0,333	18,05	0,10	0,03	0,11	19
W1 _d	1,13	94,74	99,67	108,54	0,312	0,329	99,87	-0,00	-0,00	0,00	0
Z1 _d	0,18	19,02	20,00	21,78	0,312	0,329	51,84	0,02	0,00	0,02	0

AEJ01-1N

Offs data rgb^* , $XYZxy$, and $LabC^*h_{ab}$ in the CIELAB-colour space

Tristimulus values of black and white: $Y_N=2,5$, $Y_W=88,6$, $Y_{Wa}=88,6$

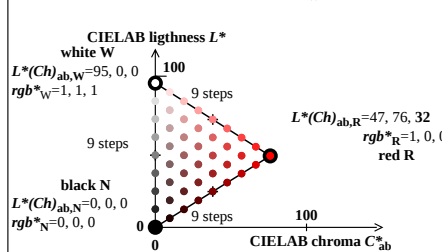
	rgb^*	CIE XYZ data					LabC [*] h _{ab} data				
		X _d	Y _d	Z _d	x _d	y _d	L _a [*]	a _a [*]	b _a [*]	C _{ab} [*]	h _{ab}
R _d	1 0 0	49	58	33	67	29					
Y _d	1 1 0	88	-11	87	88	97					
G _d	0 1 0	54	-60	24	65	157					
C _d	0 1 1	59	-26	-41	49	237					
B _d	0 0 1	31	17	-40	43	294					
M _d	1 0 1	50	67	-7	67	353					
N _d	0 0 0	18	0	0	0	19					
W _d	1 1 1	95	0	0	0	0					

$a^* = 500 \left[(X / X_{D65})^{1/3} - (Y / Y_{D65})^{1/3} \right] [1a]$
 $b^* = 200 \left[(Y / Y_{D65})^{1/3} - (Z / Z_{D65})^{1/3} \right] [2a]$
 $C^*_{ab} = [a^{*2} + b^{*2}]^{0.5} [3a]$
 $h_{ab} = \text{atan} [b^* / a^*] [4a]$

AEJ01-2N

Offs colours (9 steps) with $L^*(Ch)_{ab}$ in the CIELAB-colour space

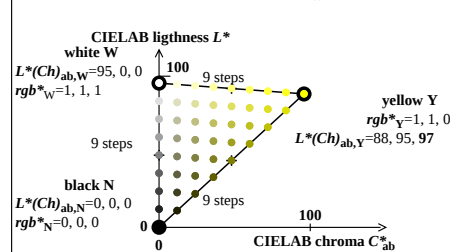
Tristimulus values of black and white: $Y_N=0,0$, $Y_W=88,6$



AEJ00-3N

Offs colours (9 steps) with $L^*(Ch)_{ab}$ in the CIELAB-colour space

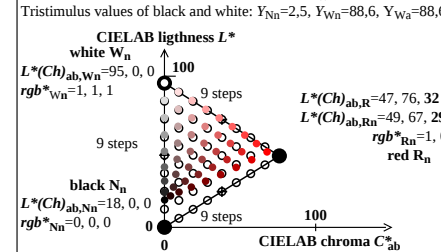
Tristimulus values of black and white: $Y_N=0,0$, $Y_W=88,6$



AEJ00-4N

Offs colours (9 steps) with $L^*(Ch)_{ab}$ in the CIELAB-colour space

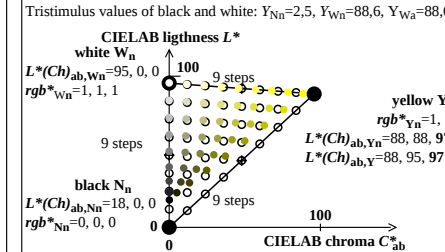
Tristimulus values of black and white: $Y_N=0,0$, $Y_W=88,6$



AEJ01-3N

Offs colours (9 steps) with $L^*(Ch)_{ab}$ in the CIELAB-colour space

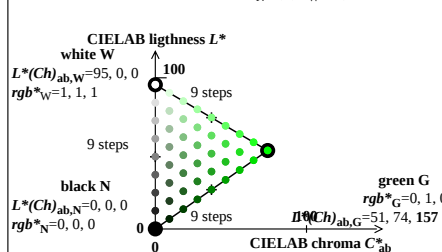
Tristimulus values of black and white: $Y_N=2,5$, $Y_W=88,6$, $Y_{Wa}=88,6$



AEJ01-4N

Offs colours (9 steps) with $L^*(Ch)_{ab}$ in the CIELAB-colour space

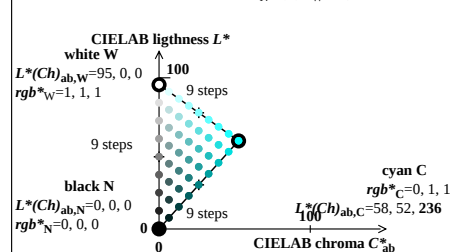
Tristimulus values of black and white: $Y_N=0,0$, $Y_W=88,6$



AEJ00-5N

Offs colours (9 steps) with $L^*(Ch)_{ab}$ in the CIELAB-colour space

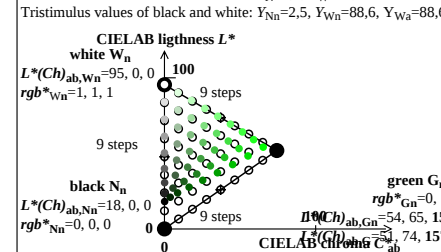
Tristimulus values of black and white: $Y_N=0,0$, $Y_W=88,6$



AEJ00-6N

Offs colours (9 steps) with $L^*(Ch)_{ab}$ in the CIELAB-colour space

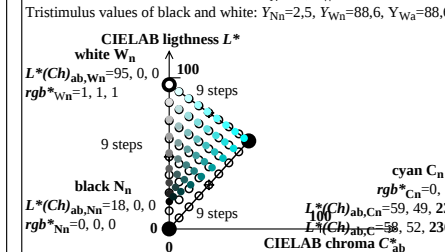
Tristimulus values of black and white: $Y_N=0,0$, $Y_W=88,6$



AEJ01-5N

Offs colours (9 steps) with $L^*(Ch)_{ab}$ in the CIELAB-colour space

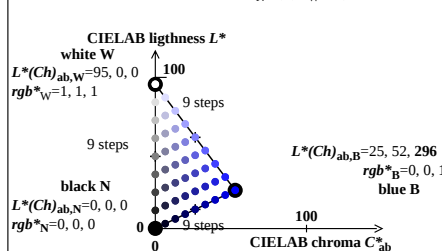
Tristimulus values of black and white: $Y_N=2,5$, $Y_W=88,6$, $Y_{Wa}=88,6$



AEJ01-6N

Offs colours (9 steps) with $L^*(Ch)_{ab}$ in the CIELAB-colour space

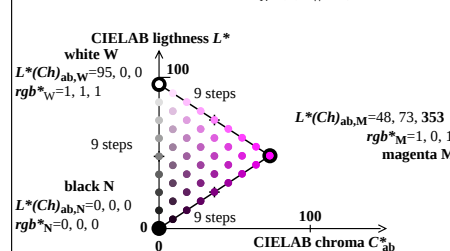
Tristimulus values of black and white: $Y_N=0,0$, $Y_W=88,6$



AEJ00-7N

Offs colours (9 steps) with $L^*(Ch)_{ab}$ in the CIELAB-colour space

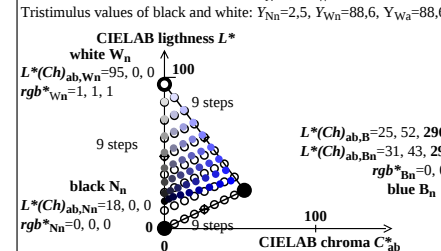
Tristimulus values of black and white: $Y_N=0,0$, $Y_W=88,6$



AEJ00-8N

Offs colours (9 steps) with $L^*(Ch)_{ab}$ in the CIELAB-colour space

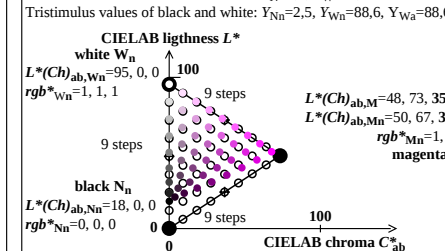
Tristimulus values of black and white: $Y_N=0,0$, $Y_W=88,6$



AEJ01-7N

Offs colours (9 steps) with $L^*(Ch)_{ab}$ in the CIELAB-colour space

Tristimulus values of black and white: $Y_N=2,5$, $Y_W=88,6$, $Y_{Wa}=88,6$



AEJ01-8N

TUB-test chart AEJ0; Affine colour metric for six device hues
Offs data rgb^* , XYZ , and $L^*(Ch)_{ab}$, reflection $Y_N=0$ & $Y_{Nn}=2,52$, $Y_W=88,6$, adaptation $Y_{Wa}=88,6$.

input: $rgb/cmy0$ (No 1MR)