see similar files: http://farbe.li.tu-berlin.de/AEJ2/AEJ2.HTM
technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20201101-AEJ2/AEJ2L0NP.PDF /.PS
application for evaluation and measurement of display or print output
TUB material: code=rha4ta

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**	CIEXYZ data X_d	Y_d	Z_d	x_d	y_d	*LabC*h*$_{ab}$ data L^*_d	a^*_d	b^*_d	$C^*_{ab,d}$	$h_{ab,d}$
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**

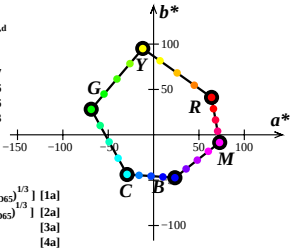
AEJ20−1N

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

*LabC*h*$_{ab}$ data

	*rgb**	L^*_d	a^*_d	b^*_d	$C^*_{ab,d}$	$h_{ab,d}$
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**



$a^* = 500\,[(X / X_{D65})^{1/3} - (Y / Y_{D65})^{1/3}]$ **[1a]**

$b^* = 200\,[(Y / Y_{D65})^{1/3} - (Z / Z_{D65})^{1/3}]$ **[2a]**

$C^*_{ab} = [\,a^{*2} + b^{*2}\,]^{0,5}$ **[3a]**

$h_{ab} = \mathrm{atan}\,[\,b^* / a^*\,]$ **[4a]**

AEJ20−2N

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

Tristimulus values of black and white: Y_{Nn}=40,3, Y_{Wn}=88,6, Y_{Wa}=88,6.

	*rgb**	CIEXYZ data X_d	Y_d	Z_d	x_d	y_d	*LabC*h*$_{ab}$ data L^*_d	a^*_d	b^*_d	$C^*_{ab,d}$	$h_{ab,d}$
R_d	**1 0 0**	54,12	49,16	46,22	0,585	0,328	75,55	19,80	7,55	21,19	**20**
Y_d	**1 1 0**	73,05	79,93	48,40	0,440	0,502	91,65	−6,01	32,97	33,51	**100**
G_d	**0 1 0**	42,96	51,24	49,12	0,223	0,525	76,82	−16,37	6,66	17,68	**157**
C_d	**0 1 1**	48,53	54,63	81,51	0,164	0,230	78,83	−9,11	−18,09	20,26	**243**
B_d	**0 0 1**	41,70	42,77	56,24	0,186	0,135	71,40	3,21	−9,76	10,28	**288**
M_d	**1 0 1**	56,00	49,55	56,45	0,448	0,233	75,79	23,51	−2,39	23,63	**354**
N_d	**0 0 0**	38,32	40,32	43,90	0,333	0,333	69,70	−0,01	0,01	0,01	**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**	38,32	40,32	43,90	0,333	0,333	69,70	−0,01	0,01	0,01	**0**
$W1_d$	**1,13**	90,11	94,81	103,25	0,312	0,329	97,95	0,00	−0,00	0,00	**0**
$Z1_d$	**0,18**	47,64	50,12	54,58	0,312	0,329	76,14	−0,00	0,00	0,01	**0**

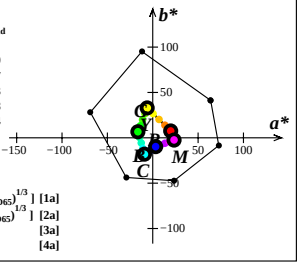
AEJ21−1N

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

Tristimulus values of black and white: Y_{Nn}=40,3, Y_{Wn}=88,6, Y_{Wa}=88,6.

*LabC*h*$_{ab}$ data

	*rgb**	L^*_d	a^*_d	b^*_d	$C^*_{ab,d}$	$h_{ab,d}$
R_d	**1 0 0**	75	19	7	21	**20**
Y_d	**1 1 0**	91	−6	32	33	**100**
G_d	**0 1 0**	76	−16	6	17	**157**
C_d	**0 1 1**	78	−9	−18	20	**243**
B_d	**0 0 1**	71	3	−9	10	**288**
M_d	**1 0 1**	75	23	−2	23	**354**
N_d	**0 0 0**	69	0	0	0	**0**
W_d	**1 1 1**	95	0	0	0	**0**



$a^* = 500\,[(X / X_{D65})^{1/3} - (Y / Y_{D65})^{1/3}]$ **[1a]**

$b^* = 200\,[(Y / Y_{D65})^{1/3} - (Z / Z_{D65})^{1/3}]$ **[2a]**

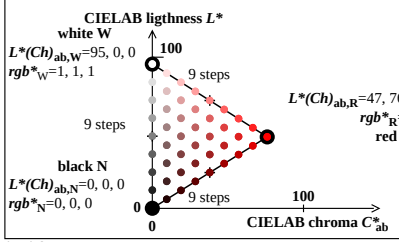
$C^*_{ab} = [\,a^{*2} + b^{*2}\,]^{0,5}$ **[3a]**

$h_{ab} = \mathrm{atan}\,[\,b^* / a^*\,]$ **[4a]**

AEJ21−2N

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

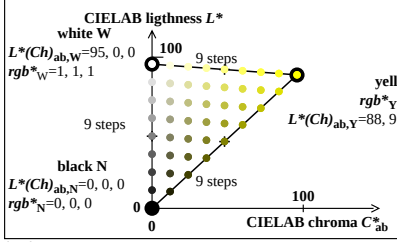
Tristimulus values of black and white: Y_N=0,0, Y_W=88,6



AEJ20−3N

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

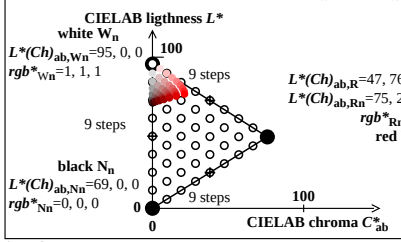
Tristimulus values of black and white: Y_N=0,0, Y_W=88,6



AEJ20−4N

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

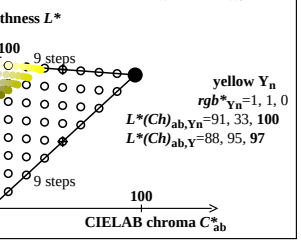
Tristimulus values of black and white: Y_N=0,0, Y_W=88,6
Tristimulus values of black and white: Y_{Nn}=40,3, Y_{Wn}=88,6, Y_{Wa}=88,6.



AEJ21−3N

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

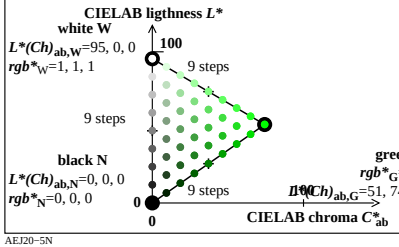
Tristimulus values of black and white: Y_N=0,0, Y_W=88,6
Tristimulus values of black and white: Y_{Nn}=40,3, Y_{Wn}=88,6, Y_{Wa}=88,6.



AEJ21−4N

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

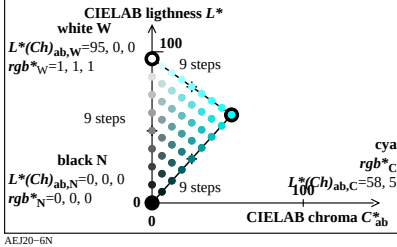
Tristimulus values of black and white: Y_N=0,0, Y_W=88,6



AEJ20−5N

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

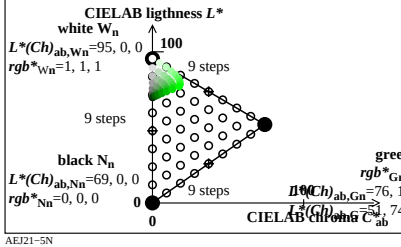
Tristimulus values of black and white: Y_N=0,0, Y_W=88,6



AEJ20−6N

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

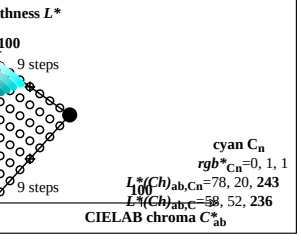
Tristimulus values of black and white: Y_N=0,0, Y_W=88,6
Tristimulus values of black and white: Y_{Nn}=40,3, Y_{Wn}=88,6, Y_{Wa}=88,6.



AEJ21−5N

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

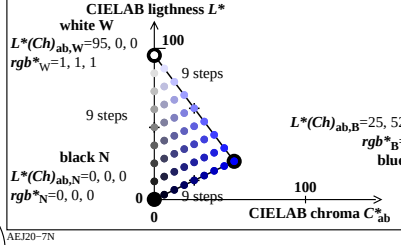
Tristimulus values of black and white: Y_N=0,0, Y_W=88,6
Tristimulus values of black and white: Y_{Nn}=40,3, Y_{Wn}=88,6, Y_{Wa}=88,6.



AEJ21−6N

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

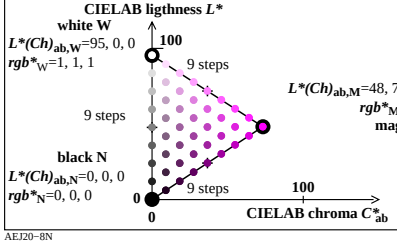
Tristimulus values of black and white: Y_N=0,0, Y_W=88,6



AEJ20−7N

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

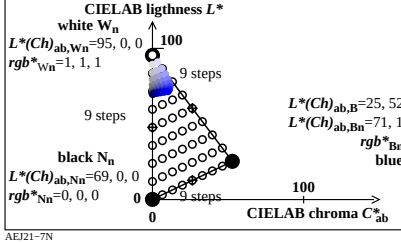
Tristimulus values of black and white: Y_N=0,0, Y_W=88,6



AEJ20−8N

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

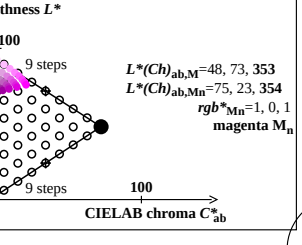
Tristimulus values of black and white: Y_N=0,0, Y_W=88,6
Tristimulus values of black and white: Y_{Nn}=40,3, Y_{Wn}=88,6, Y_{Wa}=88,6.



AEJ21−7N

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
Tristimulus values of black and white: Y_{Nn}=40,3, Y_{Wn}=88,6, Y_{Wa}=88,6.



AEJ21−8N