

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82.HTM>  
 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

T	i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$						
R <sub>d</sub>	1	35.9	60.7	44.5	36	35.9	60.7	44.5	36	0.0	0.0	0.0	0.0	0.0
	2	39.5	56.9	41.7	36	40.2	58.0	36.9	32	0.7	1.1	-4.7	4.9	5.0
	3	43.0	53.1	39.0	36	45.1	53.5	29.9	29	2.1	0.4	-9.0	9.1	9.3
	4	46.6	49.3	36.2	36	49.9	48.2	26.2	29	3.3	-1.0	-9.9	10.0	10.6
	5	50.1	45.5	33.4	36	54.4	43.2	21.4	26	4.3	-2.2	-11.9	12.2	12.9
	6	53.7	41.7	30.6	36	58.0	38.5	20.0	27	4.3	-3.1	-10.5	11.1	11.9
	7	57.2	37.9	27.9	36	61.6	34.7	16.8	26	4.3	-3.1	-10.9	11.5	12.3
	8	60.8	34.1	25.1	36	65.9	29.7	14.8	26	5.1	-4.3	-10.2	11.2	12.3
Z <sub>d</sub>	9	64.3	30.3	22.3	36	69.8	25.4	12.6	26	5.4	-4.8	-9.6	10.9	12.2
	10	67.9	26.5	19.5	36	73.7	21.2	10.2	26	5.8	-5.2	-9.2	10.7	12.2
	11	71.4	22.7	16.8	36	77.6	17.1	7.5	24	6.2	-5.5	-9.2	10.8	12.4
	12	75.0	18.9	14.0	36	81.3	13.1	5.2	22	6.4	-5.7	-8.7	10.5	12.3
	13	78.5	15.1	11.2	37	85.0	8.9	3.2	20	6.5	-6.1	-7.9	10.1	12.0
	14	82.1	11.3	8.4	37	88.7	4.5	2.1	25	6.7	-6.7	-6.2	9.3	11.4
	15	85.6	7.5	5.6	37	92.1	0.0	1.5	90	6.5	-7.4	-4.0	8.6	10.7
	16	89.2	3.7	2.9	38	92.6	0.0	0.1	90	3.4	-3.6	-2.7	4.6	5.8
W <sub>d</sub>	17	92.7	0.0	0.1	135	92.7	0.0	0.1	135	0.0	0.0	0.0	0.0	0.0
R <sub>d</sub>	18	35.9	60.7	44.5	36	35.9	60.7	44.5	36	0.0	0.0	0.0	0.0	0.0
	19	50.1	45.5	33.4	36	54.4	43.2	21.4	26	4.3	-2.2	-11.9	12.2	12.9
Z <sub>d</sub>	20	64.3	30.3	22.3	36	69.8	25.4	12.6	26	5.4	-4.8	-9.6	10.9	12.2
	21	78.5	15.1	11.2	37	85.0	8.9	3.2	20	6.5	-6.1	-7.9	10.1	12.0
W <sub>d</sub>	22	92.7	0.0	0.1	135	92.7	0.0	0.1	135	0.0	0.0	0.0	0.0	0.0

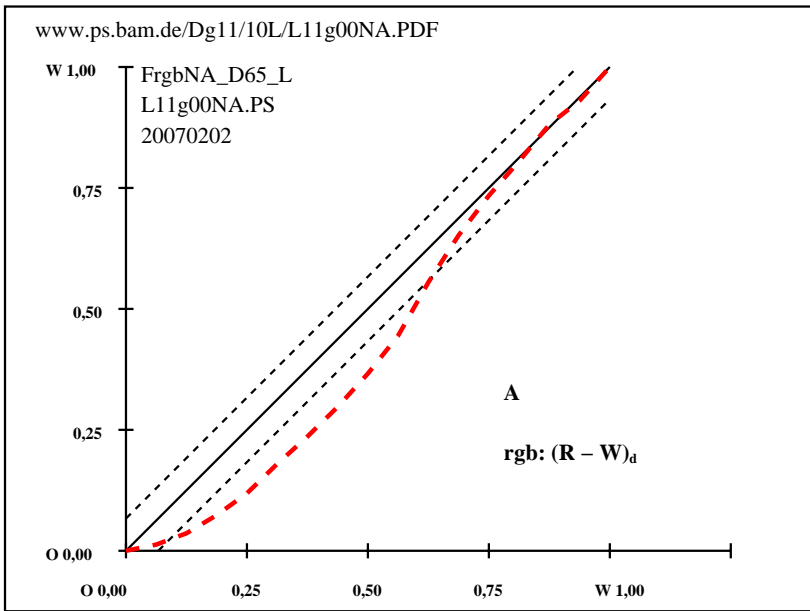
**CIELAB**  
 $\Delta L^* = 92.71 - 35.94$   
 $g^* = 41.7$   
 $f^* = 73.3$   
**rgb: (R - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 8.6$   
 $\Delta E^*_{CIELAB} = 9.6$   
 $\Delta H^*_{CIELAB} = 6.6$   
 $\Delta E^*_{CIELAB} = 7.4$   
 $R^*_{ab,m} = 58$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

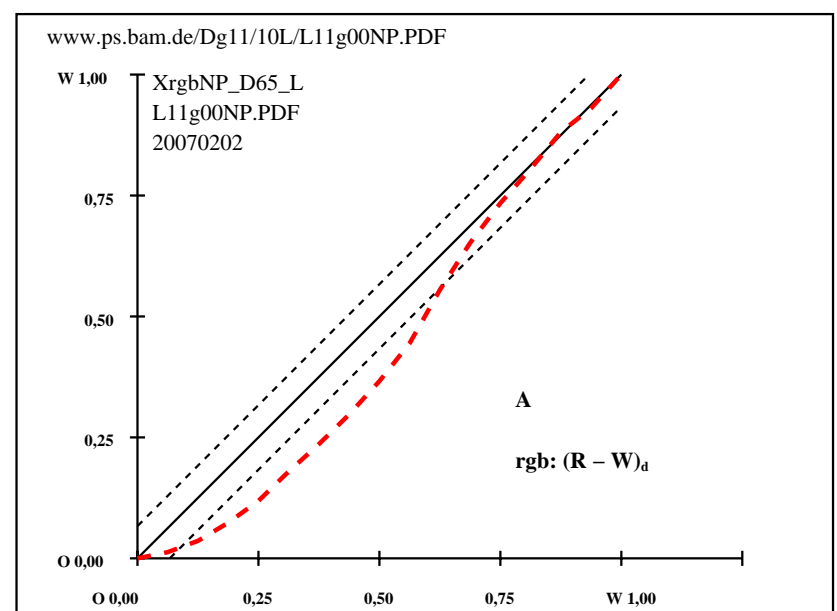
i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$							
R <sub>d</sub>	1	46.3	60.0	40.4	34	46.3	60.0	40.4	34	0.0	0.0	0.0	0.0	
	2	49.4	56.3	37.9	34	46.3	60.2	39.3	33	-3.0	4.0	1.4	4.2	5.2
	3	52.4	52.5	35.4	34	46.2	60.6	37.3	32	-6.2	8.1	1.9	8.3	10.4
	4	55.5	48.8	32.8	34	47.1	60.0	34.0	30	-8.3	11.3	1.2	11.3	14.1
	5	58.6	45.0	30.3	34	48.6	58.4	30.4	27	-9.9	13.4	0.1	13.4	16.7
	6	61.7	41.3	27.8	34	50.7	55.6	26.0	25	-10.8	14.3	-1.7	14.5	18.1
	7	64.7	37.5	25.3	34	53.3	51.8	22.8	24	-11.3	14.3	-2.4	14.5	18.5
	8	67.8	33.8	22.7	34	56.9	46.7	20.7	24	-10.8	13.0	-1.9	13.1	17.1
Z <sub>d</sub>	9	70.9	30.0	20.2	34	60.7	41.1	18.9	25	-10.1	11.1	-1.2	11.2	15.1
	10	73.9	26.3	17.7	34	64.9	34.8	17.4	27	-8.9	8.5	-0.2	8.6	12.4
	11	77.0	22.5	15.2	34	70.6	27.0	14.4	28	-6.3	4.5	-0.7	4.6	7.9
	12	80.1	18.8	12.6	34	75.6	21.2	10.6	27	-4.4	2.5	-1.9	3.2	5.5
	13	83.1	15.0	10.1	34	80.1	15.9	8.3	28	-2.9	0.9	-1.7	2.0	3.6
	14	86.2	11.3	7.6	34	84.1	11.4	6.3	29	-2.0	0.1	-1.2	1.3	2.4
	15	89.3	7.5	5.0	34	88.4	6.7	4.0	31	-0.8	-0.7	-0.9	1.3	1.6
	16	92.3	3.8	2.5	34	90.0	3.2	1.9	31	-2.3	-0.4	-0.5	0.8	2.5
W <sub>d</sub>	17	95.4	0.0	0.0	0	95.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
R <sub>d</sub>	18	46.3	60.0	40.4	34	46.3	60.0	40.4	34	0.0	0.0	0.0	0.0	0.0
	19	58.6	45.0	30.3	34	48.6	58.4	30.4	27	-9.9	13.4	0.1	13.4	16.7
Z <sub>d</sub>	20	70.9	30.0	20.2	34	60.7	41.1	18.9	25	-10.1	11.1	-1.2	11.2	15.1
	21	83.1	15.0	10.1	34	80.1	15.9	8.3	28	-2.9	0.9	-1.7	2.0	3.6
W <sub>d</sub>	22	95.4	0.0	0.0	0	95.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0

**CIELAB**  
 $\Delta L^* = 95.41 - 46.31$   
 $g^* = 11.8$   
 $f^* = 63.4$   
**rgb: (R - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 6.6$   
 $\Delta E^*_{CIELAB} = 8.9$   
 $\Delta H^*_{CIELAB} = 5.3$   
 $\Delta E^*_{CIELAB} = 7.1$   
 $R^*_{ab,m} = 61$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /.PS  
 aplicación para la medida de display output

TUB material: code=rh4ta

T	i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$							
Y <sub>d</sub>	1	84.3	-4.1	110.2	92	84.3	-4.1	110.2	92	0.0	0.0	0.0	0.0	0.0	0.0
	2	84.8	-3.8	103.3	92	85.7	-5.9	98.1	93	0.9	-2.0	-5.1	5.6	5.7	
	3	85.3	-3.6	96.4	92	86.8	-7.5	85.9	95	1.5	-3.8	-10.4	11.2	11.3	
	4	85.8	-3.3	89.5	92	87.5	-8.3	77.2	96	1.7	-4.9	-12.2	13.3	13.4	
	5	86.3	-3.0	82.6	92	88.2	-8.6	67.4	97	1.8	-5.5	-15.1	16.2	16.3	
	6	86.9	-2.8	75.8	92	88.5	-8.6	61.7	98	1.6	-5.7	-14.0	15.2	15.3	
	7	87.4	-2.5	68.9	92	89.0	-8.5	54.3	99	1.6	-5.9	-14.5	15.8	15.8	
	8	87.9	-2.3	62.0	92	89.5	-8.1	46.9	100	1.6	-5.7	-15.0	16.2	16.3	
Z <sub>d</sub>	9	88.4	-2.0	55.1	92	90.1	-7.8	40.1	101	1.6	-5.7	-14.9	16.1	16.2	
	10	88.9	-1.7	48.2	92	90.5	-6.9	33.3	102	1.5	-5.1	-14.8	15.8	15.9	
	11	89.5	-1.5	41.3	92	91.0	-6.0	25.6	103	1.5	-4.4	-15.6	16.4	16.4	
	12	90.0	-1.2	34.4	92	91.5	-4.7	18.6	104	1.5	-3.4	-15.7	16.2	16.3	
	13	90.5	-1.0	27.6	92	91.9	-3.2	12.0	105	1.4	-2.2	-15.5	15.7	15.8	
	14	91.0	-0.7	20.7	92	92.2	-1.8	6.5	106	1.2	-1.0	-14.1	14.2	14.3	
	15	91.5	-0.4	13.8	92	92.5	-0.6	2.0	109	1.0	-0.1	-11.7	11.8	11.8	
	16	92.1	-0.2	6.9	92	92.6	0.0	0.1	90	0.5	0.3	-6.7	6.8	6.8	
W <sub>d</sub>	17	92.6	0.0	0.0	0	92.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	
Y <sub>d</sub>	18	84.3	-4.1	110.2	92	84.3	-4.1	110.2	92	0.0	0.0	0.0	0.0	0.0	
	19	86.3	-3.0	82.6	92	88.2	-8.6	67.4	97	1.8	-5.5	-15.1	16.2	16.3	
Z <sub>d</sub>	20	88.4	-2.0	55.1	92	90.1	-7.8	40.1	101	1.6	-5.7	-14.9	16.1	16.2	
	21	90.5	-1.0	27.6	92	91.9	-3.2	12.0	105	1.4	-2.2	-15.5	15.7	15.8	
W <sub>d</sub>	22	92.6	0.0	0.0	0	92.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	

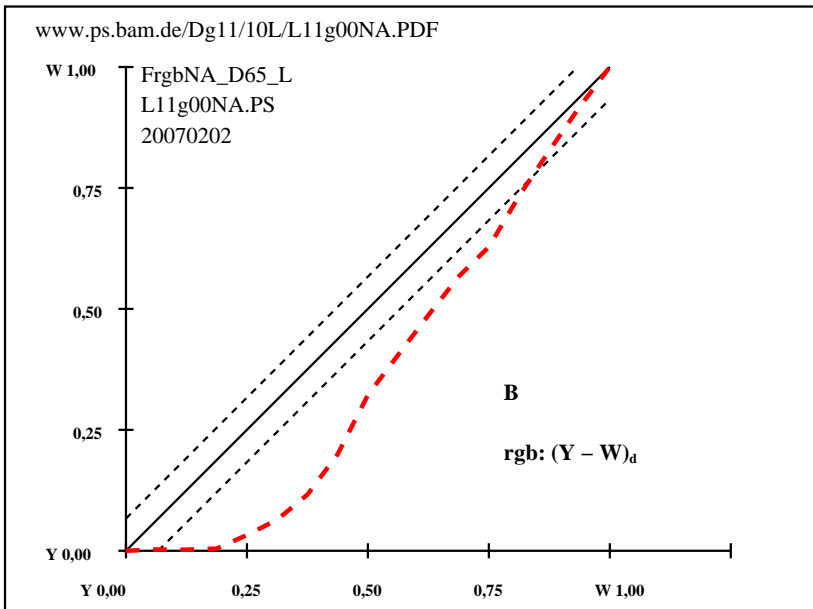
**CIELAB**  
 $\Delta L^* = 92.58 - 84.27$   
 $g^* = 18.5$   
 $f^* = 10.7$   
**rgb: (Y - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 12.1$   
 $\Delta E^*_{CIELAB} = 12.2$   
 $\Delta H^*_{CIELAB} = 9.6$   
 $\Delta E^*_{CIELAB} = 9.7$   
 $R^*_{ab,m} = 47$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

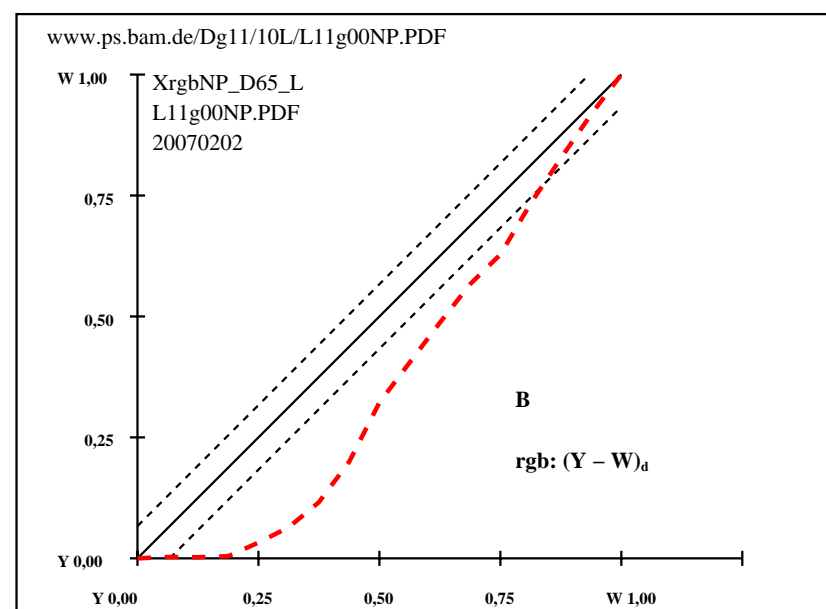
i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$							
Y <sub>d</sub>	1	90.9	-16.9	112.4	99	90.9	-16.9	112.4	99	0.0	0.0	0.0	0.0	0.0
	2	91.2	-15.8	105.4	99	90.8	-16.9	112.7	99	-0.2	-1.0	7.3	7.4	7.4
	3	91.5	-14.8	98.4	99	90.8	-16.8	112.6	99	-0.6	-1.9	14.3	14.4	14.4
	4	91.7	-13.7	91.3	99	90.9	-16.8	111.9	99	-0.8	-3.0	20.6	20.8	20.8
	5	92.0	-12.7	84.3	99	91.0	-17.0	108.7	99	-1.0	-4.2	24.4	24.8	24.8
	6	92.3	-11.6	77.3	99	91.1	-17.1	105.1	99	-1.1	-5.4	27.8	28.4	28.4
	7	92.6	-10.6	70.3	99	91.1	-17.2	99.2	100	-1.4	-6.5	28.9	29.7	29.7
	8	92.9	-9.5	63.2	99	91.5	-16.9	89.7	101	-1.2	-7.3	26.5	27.5	27.5
Z <sub>d</sub>	9	93.2	-8.5	56.2	99	91.9	-16.0	75.8	102	-1.1	-7.5	19.6	21.0	21.0
	10	93.4	-7.4	49.2	99	92.3	-15.1	66.4	103	-1.0	-7.6	17.2	18.9	18.9
	11	93.7	-6.3	42.2	99	92.6	-13.9	57.1	104	-1.0	-7.5	14.9	16.8	16.8
	12	94.0	-5.3	35.1	99	93.0	-12.7	48.1	105	-0.9	-7.3	13.0	14.9	15.0
	13	94.3	-4.2	28.1	99	93.3	-11.5	41.2	106	-0.9	-7.2	13.1	15.0	15.0
	14	94.6	-3.2	21.1	99	93.9	-8.9	29.4	107	-0.6	-5.6	8.3	10.1	10.1
	15	94.9	-2.1	14.1	99	94.4	-6.2	19.0	108	-0.4	-4.0	4.9	6.4	6.4
	16	95.1	-1.1	7.0	99	95.0	-3.2	9.0	110	-0.1	-2.0	2.9	2.9	2.9
W <sub>d</sub>	17	95.4	0.0	0.0	180	95.4	0.0	0.0	180	0.0	0.0	0.0	0.0	0.0
Y <sub>d</sub>	18	90.9	-16.9	112.4	99	90.9	-16.9	112.4	99	0.0	0.0	0.0	0.0	0.0
	19	92.0	-12.7	84.3	99	91.0	-17.0	108.7	99	-1.0	-4.2	24.4	24.8	24.8
Z <sub>d</sub>	20	93.2	-8.5	56.2	99	91.9	-16.0	75.8	102	-1.1	-7.5	19.6	21.0	21.0
	21	94.3	-4.2	28.1	99	93.3	-11.5	41.2	106	-0.9	-7.2	13.1	15.0	15.0
W <sub>d</sub>	22	95.4	0.0	0.0	180	95.4	0.0	0.0	180	0.0	0.0	0.0	0.0	0.0

**CIELAB**  
 $\Delta L^* = 95.43 - 90.9$   
 $g^* = 3.8$   
 $f^* = 5.9$   
**rgb: (Y - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 15.2$   
 $\Delta E^*_{CIELAB} = 15.3$   
 $\Delta H^*_{CIELAB} = 12.2$   
 $\Delta E^*_{CIELAB} = 12.2$   
 $R^*_{ab,m} = 33$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

entrada: rgb/cmy0/000n/w set...  
 salida: ->rgb<sub>dd</sub> setrgbcolor

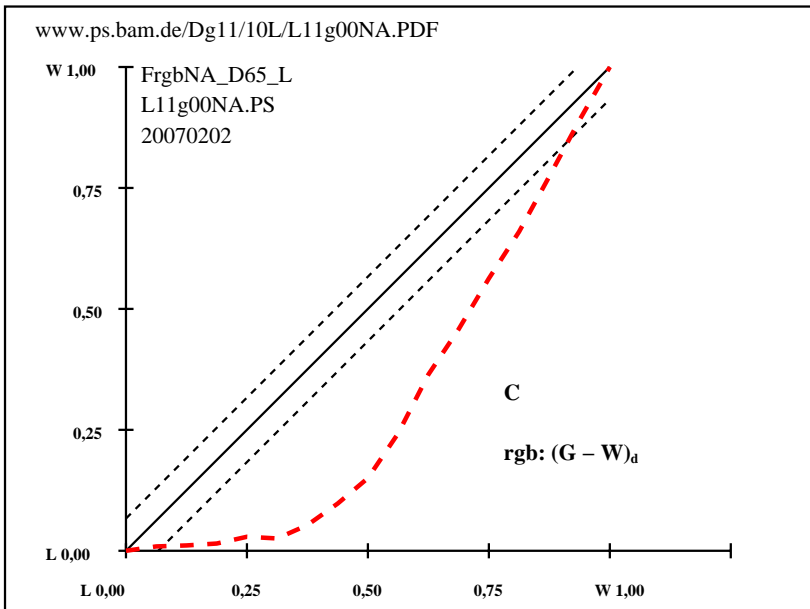
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S)

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$
G <sub>d</sub>	1	44.0-61.7	48.5 142	44.0-61.7	48.5 142	0.0 0.0	0.0 0.0	0.0 0.0
	2	47.1-57.8	45.5 142	48.8-60.2	44.6 144	1.8 -2.3	-0.8 2.5	3.1 3.1
	3	50.1-54.0	42.4 142	53.5-57.4	39.7 145	3.3 -3.3	-2.6 4.4	5.5 5.5
	4	53.2-50.1	39.4 142	57.6-54.0	37.0 146	4.4 -3.8	-2.3 4.6	6.4 <b>CIELAB</b>
	5	56.2-46.3	36.4 142	61.8-49.6	33.0 146	5.6 -3.3	-3.3 4.8	7.4 $\Delta L^* = 92.64 - 44.04$
	6	59.2-42.4	33.3 142	65.0-46.0	31.7 145	5.8 -3.5	-1.5 4.0	7.0
	7	62.3-38.5	30.3 142	68.1-42.2	27.8 147	5.8 -3.6	-2.4 4.5	7.3 $g^* = 27.4$
	8	65.3-34.7	27.3 142	71.1-38.3	24.0 148	5.8 -3.5	-3.2 4.9	7.6
Z <sub>d</sub>	9	68.3-30.8	24.3 142	74.1-34.4	20.7 149	5.7 -3.5	-3.4 5.1	7.6
	10	71.4-26.9	21.2 142	77.6-29.4	16.9 150	6.2 -2.4	-4.2 5.0	7.9 $f^* = 62.8$
	11	74.4-23.1	18.2 142	81.2-24.1	13.7 150	6.8 -0.9	-4.4 4.6	8.2
	12	77.5-19.2	15.2 142	84.7-18.2	10.0 151	7.2 1.0	-5.1 5.3	8.9
	13	80.5-15.4	12.1 142	87.8-12.1	6.8 151	7.3 3.3	-5.2 6.2	9.6 <b>rgb: (G - W)<sub>d</sub></b>
	14	83.5-11.5	9.1 142	90.4 -6.3	4.1 147	6.8 5.2	-4.9 7.2	9.9
	15	86.6 -7.6	6.1 142	92.3 -1.3	1.6 131	5.7 6.3	-4.4 7.7	9.6
	16	89.6 -3.8	3.0 142	92.6 0.0	0.0 0	3.0 3.9	-2.9 4.9	5.8 $\Delta H^*_{CIELAB} = 4.4$
W <sub>d</sub>	17	92.6 0.0	0.0 0	92.6 0.0	0.0 0	0.0 0.0	0.0 0.0	0.0 0.0 $\Delta E^*_{CIELAB} = 6.6$
G <sub>d</sub>	18	44.0-61.7	48.5 142	44.0-61.7	48.5 142	0.0 0.0	0.0 0.0	0.0 0.0
	19	56.2-46.3	36.4 142	61.8-49.6	33.0 146	5.6 -3.3	-3.3 4.8	7.4
Z <sub>d</sub>	20	68.3-30.8	24.3 142	74.1-34.4	20.7 149	5.7 -3.5	-3.4 5.1	7.6
	21	80.5-15.4	12.1 142	87.8-12.1	6.8 151	7.3 3.3	-5.2 6.2	9.6 $\Delta H^*_{CIELAB} = 3.2$
W <sub>d</sub>	22	92.6 0.0	0.0 0	92.6 0.0	0.0 0	0.0 0.0	0.0 0.0	0.0 0.0 $\Delta E^*_{CIELAB} = 4.9$
								$R^*_{ab,m} = 71$

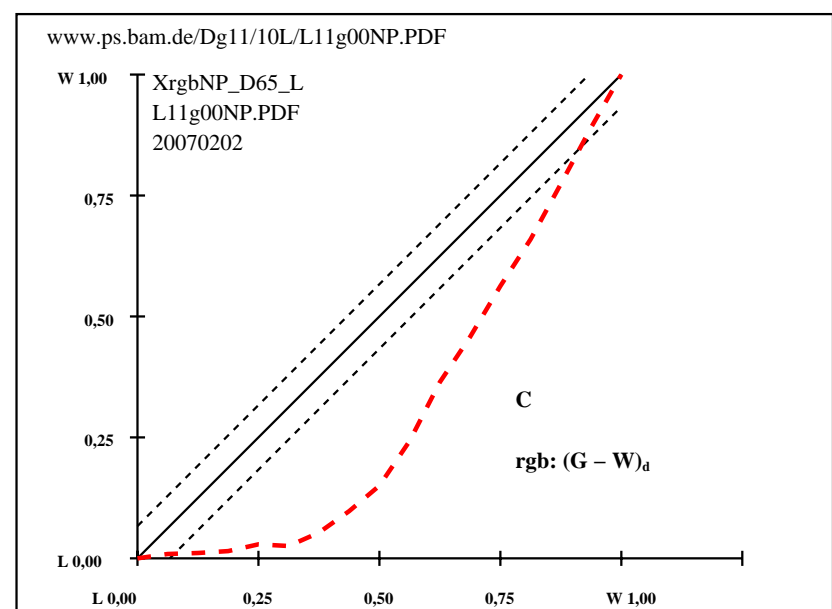
AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$	
G <sub>d</sub>	1	45.7-67.4	36.2 152	45.7-67.4	36.2 152	0.0 0.0	0.0 0.0	
	2	48.8-63.2	33.9 152	45.3-66.7	36.0 152	-3.4 -3.4	2.1 4.1	
	3	51.9-59.0	31.7 152	45.5-66.5	36.6 151	-6.3 -7.4	4.9 9.0	
	4	55.0-54.7	29.4 152	45.6-66.1	36.6 151	-9.4-11.3	7.2 13.4	
	5	58.2-50.5	27.2 152	45.8-65.0	37.3 150	-12.2-14.4	10.1 17.7	
	6	61.3-46.3	24.9 152	45.7-65.3	37.2 150	-15.4-18.9	12.3 22.6	
	7	64.4-42.1	22.7 152	47.4-63.4	38.4 149	-16.9-21.2	15.7 26.5	
	8	67.5-37.9	20.4 152	49.9-60.0	38.8 147	-17.5-22.0	18.4 28.8	
Z <sub>d</sub>	9	70.6-33.7	18.2 152	53.0-55.8	36.0 147	-17.5-22.1	17.9 28.4	
	10	73.7-29.4	15.9 152	57.2-49.9	28.9 150	-16.4-20.4	13.0 24.3	
	11	76.8-25.2	13.6 152	62.1-42.0	22.3 152	-14.6-16.7	8.7 18.9	
	12	80.0-21.0	11.4 152	67.6-35.2	20.9 149	-12.3-14.1	9.5 17.1	
	13	83.1-16.8	9.1 152	74.0-27.6	20.2 144	-8.9-10.7	11.1 15.5	
	14	86.2-12.6	6.9 152	80.4-21.0	19.7 137	-5.7 -8.3	12.8 15.4	
	15	89.3 -8.3	4.6 151	85.8-14.1	12.7 138	-3.4 -5.7	8.1 9.9	
	16	92.4 -4.1	2.4 151	90.6 -7.1	5.2 144	-1.7 -2.9	2.8 4.1	
W <sub>d</sub>	17	95.5 0.0	0.1 90	95.5 0.0	0.1 90	0.0 0.0	0.0 0.0	
G <sub>d</sub>	18	45.7-67.4	36.2 152	45.7-67.4	36.2 152	0.0 0.0	0.0 0.0	
	19	58.2-50.5	27.2 152	45.8-65.0	37.3 150	-12.2-14.4	10.1 17.7	
Z <sub>d</sub>	20	70.6-33.7	18.2 152	53.0-55.8	36.0 147	-17.5-22.1	17.9 28.4	
	21	83.1-16.8	9.1 152	74.0-27.6	20.2 144	-8.9-10.7	11.1 15.5	
W <sub>d</sub>	22	95.5 0.0	0.1 90	95.5 0.0	0.1 90	0.0 0.0	0.0 0.0	
								$\Delta H^*_{CIELAB} = 15.0$
								$\Delta E^*_{CIELAB} = 17.9$
								<b>rgb: (G - W)<sub>d</sub></b>
								$\Delta H^*_{CIELAB} = 12.3$
								$\Delta E^*_{CIELAB} = 14.6$
								$R^*_{ab,m} = 21$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

C"; rgb3/24

entrada: rgb/cmy0/000n/w set...  
salida: ->rgb<sub>dd</sub> setrgbcolor

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82L0NA.PDF>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /.PS  
aplicación para la medida de display output  
TUB material: code=rh4ta

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82.HTM>  
 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$						
C <sub>d</sub>	1	53.7	-28.9	-31.6	228	53.7	-28.9	-31.6	228	0.0	0.0	0.0	0.0	0.0
	2	56.2	-27.1	-29.6	228	57.8	-29.4	-29.9	225	1.6	-2.2	-0.2	2.3	2.8
	3	58.6	-25.3	-27.6	228	61.5	-29.2	-28.0	224	2.9	-3.8	-0.3	3.9	4.9
	4	61.0	-23.5	-25.7	228	64.8	-28.4	-26.0	222	3.7	-4.8	-0.2	4.9	6.2
	5	63.5	-21.7	-23.7	228	67.9	-27.1	-23.8	221	4.4	-5.4	0.0	5.5	7.0
	6	65.9	-19.8	-21.7	228	70.7	-25.7	-21.9	220	4.8	-5.8	-0.1	5.9	7.6
	7	68.3	-18.0	-19.7	228	73.0	-24.0	-20.1	220	4.7	-5.9	-0.3	6.0	7.6
	8	70.7	-16.2	-17.7	228	75.5	-22.4	-18.0	219	4.7	-6.1	-0.2	6.2	7.8
	9	73.2	-14.4	-15.8	228	77.9	-20.5	-15.9	218	4.8	-6.0	0.0	6.1	7.7
	10	75.6	-12.6	-13.8	228	80.6	-18.0	-13.5	217	5.0	-5.3	0.3	5.4	7.3
Z <sub>d</sub>	11	78.0	-10.8	-11.8	228	83.4	-15.2	-10.7	215	5.4	-4.3	1.1	4.6	7.1
	12	80.5	-9.0	-9.8	228	86.1	-12.0	-7.9	213	5.7	-2.9	1.9	3.6	6.7
	13	82.9	-7.2	-7.8	228	88.7	-8.0	-4.9	212	5.8	-0.8	2.9	3.0	6.6
	14	85.3	-5.3	-5.8	228	90.8	-4.0	-2.3	210	5.5	1.3	3.5	3.8	6.7
	15	87.8	-3.5	-3.9	228	92.5	-0.6	-0.1	196	4.7	2.9	3.8	4.8	6.7
	16	90.2	-1.7	-1.9	228	92.5	0.0	0.0	0	2.3	1.8	2.0	2.7	3.5
	17	92.6	0.0	0.0	0	92.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	18	53.7	-28.9	-31.6	228	53.7	-28.9	-31.6	228	0.0	0.0	0.0	0.0	0.0
	19	63.5	-21.7	-23.7	228	67.9	-27.1	-23.8	221	4.4	-5.4	0.0	5.5	7.0
	20	73.2	-14.4	-15.8	228	77.9	-20.5	-15.9	218	4.8	-6.0	0.0	6.1	7.7
W <sub>d</sub>	21	82.9	-7.2	-7.8	228	88.7	-8.0	-4.9	212	5.8	-0.8	2.9	3.0	6.6
	22	92.6	0.0	0.0	0	92.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0

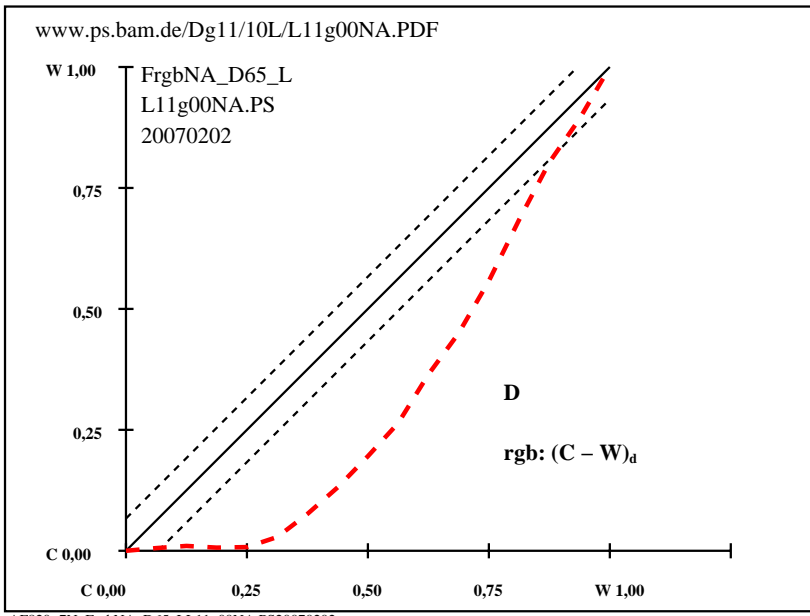
$\Delta L^* = 92.62 - 53.73$   
 $g^* = 27.5$   
 $f^* = 50.2$   
**rgb: (C - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 4.0$   
 $\Delta E^*_{CIELAB} = 5.7$   
 $\Delta H^*_{CIELAB} = 2.9$   
 $\Delta E^*_{CIELAB} = 4.3$   
 $R^*_{ab,m} = 75$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

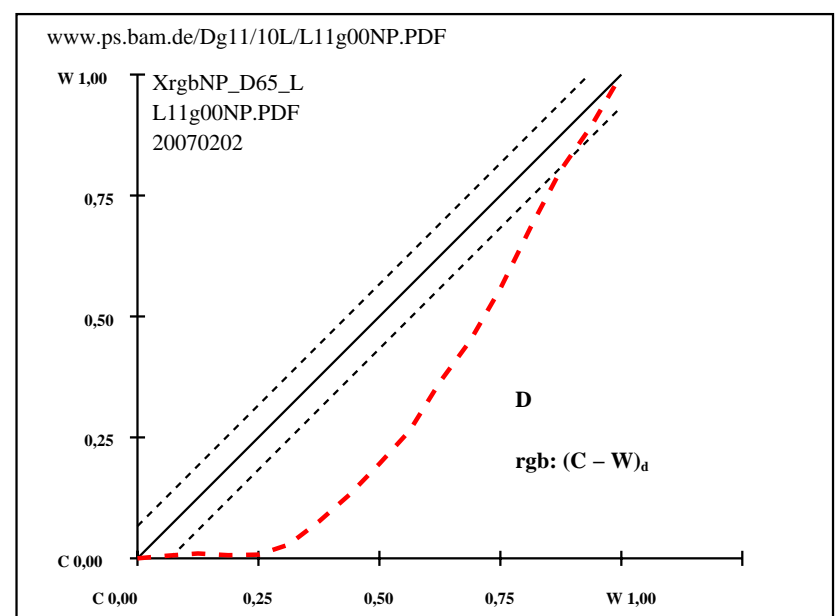
i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$						
C <sub>d</sub>	1	51.2	-15.7	-52.5	253	51.2	-15.7	-52.5	253	0.0	0.0	0.0	0.0
	2	53.9	-14.7	-49.2	253	51.0	-15.5	-52.8	254	-2.8	-0.7	-3.5	3.7
	3	56.7	-13.7	-45.9	253	50.8	-15.2	-52.8	254	-5.8	-1.4	-6.8	7.0
	4	59.5	-12.7	-42.7	253	51.1	-15.3	-52.7	254	-8.3	-2.5	-9.9	10.4
	5	62.2	-11.8	-39.4	253	51.7	-15.6	-52.4	253	-10.4	-3.7	-12.9	13.6
	6	65.0	-10.8	-36.1	253	52.7	-16.2	-51.3	252	-12.2	-5.3	-15.1	16.1
	7	67.7	-9.8	-32.8	253	55.1	-16.2	-48.9	252	-12.5	-6.3	-16.0	17.3
	8	70.5	-8.8	-29.5	253	57.0	-16.3	-45.4	250	-13.4	-7.4	-15.8	17.6
	9	73.3	-7.8	-26.3	253	58.6	-15.8	-40.9	249	-14.6	-7.9	-14.6	16.7
	10	76.0	-6.8	-23.0	253	60.9	-15.4	-36.7	247	-15.0	-8.5	-13.6	16.2
Z <sub>d</sub>	11	78.8	-5.8	-19.7	253	64.9	-13.8	-30.9	246	-13.8	-7.9	-11.1	13.8
	12	81.6	-4.8	-16.4	253	68.6	-12.1	-26.3	245	-12.9	-7.2	-9.8	12.3
	13	84.3	-3.9	-13.1	253	74.3	-10.3	-21.2	244	-9.9	-6.4	-8.0	10.3
	14	87.1	-2.9	-9.8	253	81.0	-8.3	-15.4	242	-6.0	-5.3	-5.5	7.8
	15	89.9	-1.9	-6.6	253	87.0	-5.8	-9.9	239	-2.7	-3.8	-3.2	5.2
	16	92.6	-0.9	-3.3	254	91.1	-3.2	-5.5	239	-1.5	-2.2	-2.1	3.2
	17	95.4	0.0	0.0	270	95.4	0.0	0.0	270	0.0	0.0	0.0	0.0
	18	51.2	-15.7	-52.5	253	51.2	-15.7	-52.5	253	0.0	0.0	0.0	0.0
	19	62.2	-11.8	-39.4	253	51.7	-15.6	-52.4	253	-10.4	-3.7	-12.9	13.6
	20	73.3	-7.8	-26.3	253	58.6	-15.8	-40.9	249	-14.6	-7.9	-14.6	16.7
W <sub>d</sub>	21	84.3	-3.9	-13.1	253	74.3	-10.3	-21.2	244	-9.9	-6.4	-8.0	10.3
	22	95.4	0.0	0.0	270	95.4	0.0	0.0	270	0.0	0.0	0.0	0.0

$\Delta L^* = 95.39 - 51.16$   
 $g^* = 2.5$   
 $f^* = 57.1$   
**rgb: (C - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 10.1$   
 $\Delta E^*_{CIELAB} = 13.2$   
 $\Delta H^*_{CIELAB} = 8.1$   
 $\Delta E^*_{CIELAB} = 10.8$   
 $R^*_{ab,m} = 42$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

D"; rgb4/24

entrada: rgb/cmy0/000n/w set...  
 salida: ->rgb<sub>dd</sub> setrgbcolor

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /.PS  
 aplicación para la medida de display output

TUB material: code=rh4ta

N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S)

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$
B <sub>d</sub>	1	14.6	51.7-60.3	311	14.6	51.7-60.3	311	0.0 0.0 0.0 0.0 0.0
	2	19.5	48.5-56.5	311	20.0	46.6-59.4	308	0.5 -1.8 -2.8 3.4 3.5
	3	24.3	45.2-52.8	311	26.5	39.6-56.5	305	2.1 -5.5 -3.6 6.8 7.1
	4	29.2	42.0-49.0	311	32.8	33.1-52.8	302	3.6 -8.8 -3.7 9.7 10.3
	5	34.1	38.8-45.2	311	38.8	28.0-49.0	300	4.7 -10.7 -3.7 11.4 12.4
Z <sub>d</sub>	9	53.6	25.9-30.1	311	60.0	13.0-33.0	291	6.4 -12.8 -2.8 13.2 14.6
	10	58.5	22.6-26.3	311	65.4	10.5-28.5	290	6.8 -12.0 -2.1 12.3 14.1
	11	63.4	19.4-22.6	311	70.9	8.1-23.5	289	7.4 -11.2 -0.8 11.3 13.6
	12	68.3	16.2-18.8	311	76.3	6.2-18.3	289	8.0 -9.9 0.5 10.0 12.8
	13	73.2	12.9-15.0	311	82.0	4.4-12.4	289	8.8 -8.4 2.6 8.9 12.5
W <sub>d</sub>	17	92.7	0.0 0.0 0	92.7	0.0 0.0 0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0
	18	14.6	51.7-60.3	311	14.6	51.7-60.3	311	0.0 0.0 0.0 0.0 0.0
	19	34.1	38.8-45.2	311	38.8	28.0-49.0	300	4.7 -10.7 -3.7 11.4 12.4
	20	53.6	25.9-30.1	311	60.0	13.0-33.0	291	6.4 -12.8 -2.8 13.2 14.6
	21	73.2	12.9-15.0	311	82.0	4.4-12.4	289	8.8 -8.4 2.6 8.9 12.5
W <sub>d</sub>	22	92.7	0.0 0.0 0	92.7	0.0 0.0 0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0

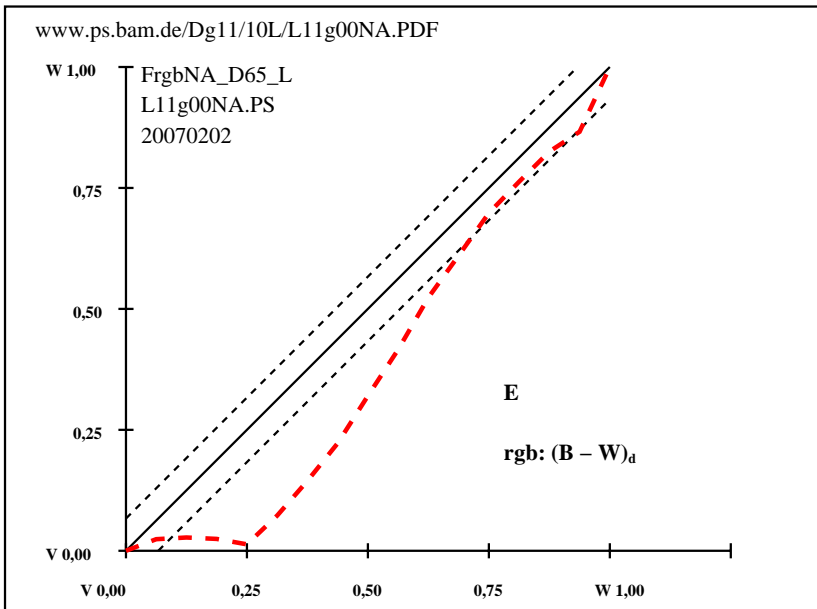
**CIELAB**  
 $\Delta L^* = 92.7 - 14.57$   
 $g^* = 44.2$   
 $f^* = 100.9$   
**rgb: (B - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 8.7$   
 $\Delta E^*_{CIELAB} = 10.3$   
 $\Delta H^*_{CIELAB} = 6.7$   
 $\Delta E^*_{CIELAB} = 7.9$   
 $R^*_{ab,m} = 55$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

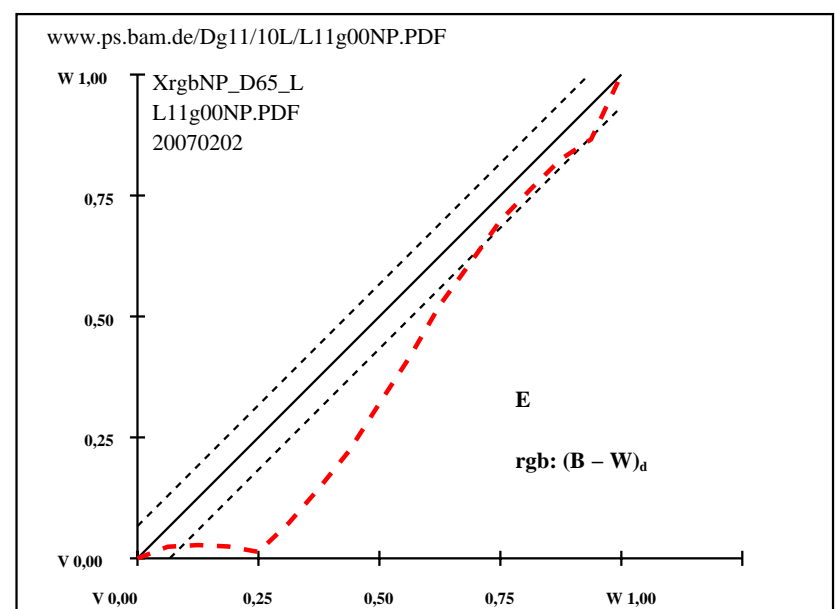
i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$	
B <sub>d</sub>	1	38.2	2.0-49.0	272	38.2	2.0-49.0	272	0.0 0.0 0.0 0.0 0.0
	2	41.8	1.9-45.9	272	37.0	3.3-48.9	274	-4.7 1.4 -2.9 3.3 5.9
	3	45.4	1.7-42.8	272	36.9	3.6-48.9	274	-8.4 1.9 -6.0 6.3 10.6
	4	49.0	1.6-39.8	272	37.2	3.5-48.7	274	-11.7 1.9 -8.8 9.1 14.9
	5	52.5	1.5-36.7	272	39.0	2.3-48.4	273	-13.5 0.8 -11.6 11.8 18.0
Z <sub>d</sub>	9	66.9	1.0-24.3	272	58.2	0.0-35.4	270	-8.6 -0.9 -11.0 11.1 14.1
	10	70.5	0.8-21.3	272	63.9	-0.1-30.9	270	-6.5 -0.9 -9.5 9.7 11.7
	11	74.0	0.7-18.2	272	69.9	0.0-25.3	270	-4.1 -0.7 -7.0 7.2 8.3
	12	77.6	0.6-15.1	272	74.9	-1.0-21.1	267	-2.7 -1.6 -5.9 6.2 6.8
	13	81.2	0.4-12.0	272	79.9	-0.1-16.6	269	-1.3 -0.5 -4.5 4.6 4.8
W <sub>d</sub>	17	95.5	0.0 0.2 117	95.5	0.0 0.2 117	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	
	18	38.2	2.0-49.0	272	38.2	2.0-49.0	272	0.0 0.0 0.0 0.0 0.0
	19	52.5	1.5-36.7	272	39.0	2.3-48.4	273	-13.5 0.8 -11.6 11.8 18.0
	20	66.9	1.0-24.3	272	58.2	0.0-35.4	270	-8.6 -0.9 -11.0 11.1 14.1
	21	81.2	0.4-12.0	272	79.9	-0.1-16.6	269	-1.3 -0.5 -4.5 4.6 4.8
W <sub>d</sub>	22	95.5	0.0 0.2 117	95.5	0.0 0.2 117	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	

**CIELAB**  
 $\Delta L^* = 95.54 - 38.21$   
 $g^* = 3.5$   
 $f^* = 74.1$   
**rgb: (B - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 7.0$   
 $\Delta E^*_{CIELAB} = 9.5$   
 $\Delta H^*_{CIELAB} = 5.5$   
 $\Delta E^*_{CIELAB} = 7.4$   
 $R^*_{ab,m} = 58$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

E"; rgb5/24

entrada: rgb/cmy0/000n/w set...  
salida: ->rgb<sub>dd</sub> setrgbcolor

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82L0NA.PDF> /PS; comience salida, página 5/24  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /.PS  
aplicación para la medida de display output

TUB material: code=rh4ta

N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S)

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$	
M <sub>d</sub>	1	38.7	79.2	-34.7	336	38.7	79.2	-34.7	336
	2	42.0	74.3	-32.5	336	43.2	75.8	-35.0	335
	3	45.4	69.3	-30.4	336	48.1	70.5	-34.0	334
	4	48.8	64.4	-28.2	336	52.5	64.8	-32.4	333
	5	52.2	59.4	-26.0	336	56.7	58.8	-30.6	332
	6	55.6	54.5	-23.8	336	60.1	53.8	-28.9	332
	7	58.9	49.5	-21.7	336	63.4	48.7	-26.8	331
	8	62.3	44.6	-19.5	336	67.5	42.5	-23.9	331
Z <sub>d</sub>	9	65.7	39.6	-17.3	336	71.2	36.7	-21.2	330
	10	69.1	34.6	-15.1	336	75.0	30.7	-18.1	329
	11	72.4	29.7	-13.0	336	78.6	24.7	-14.9	329
	12	75.8	24.8	-10.8	336	82.1	18.7	-11.5	328
	13	79.2	19.8	-8.6	336	85.6	12.7	-8.0	327
	14	82.6	14.8	-6.4	336	89.2	6.5	-4.1	327
	15	85.9	9.9	-4.3	336	92.4	0.5	-0.2	329
	16	89.3	4.9	-2.1	336	92.7	0.0	0.0	0
W <sub>d</sub>	17	92.7	0.0	0.0	0	92.7	0.0	0.0	0
M <sub>d</sub>	18	38.7	79.2	-34.7	336	38.7	79.2	-34.7	336
M <sub>d</sub>	19	52.2	59.4	-26.0	336	56.7	58.8	-30.6	332
Z <sub>d</sub>	20	65.7	39.6	-17.3	336	71.2	36.7	-21.2	330
Z <sub>d</sub>	21	79.2	19.8	-8.6	336	85.6	12.7	-8.0	327
W <sub>d</sub>	22	92.7	0.0	0.0	0	92.7	0.0	0.0	0

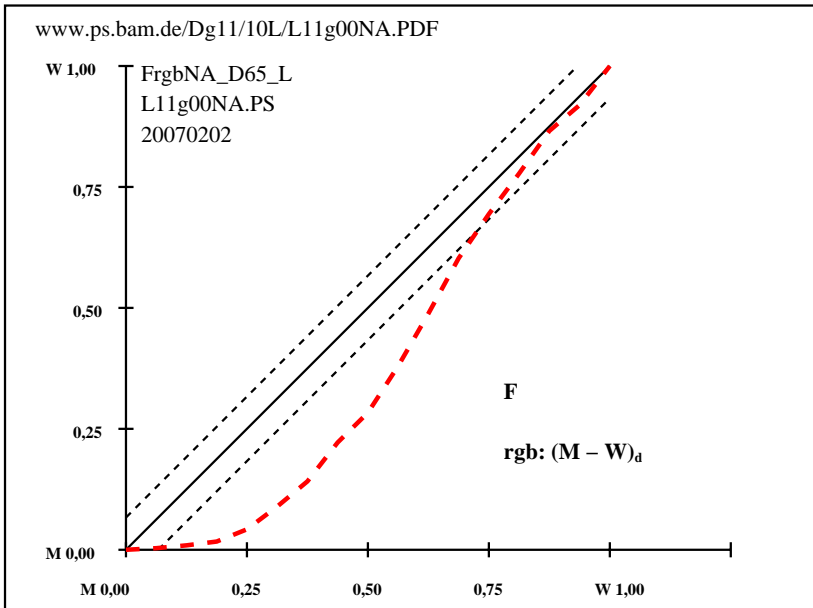
$\Delta L^* = 92.69 - 38.67$   
 $g^* = 39.4$   
 $f^* = 69.8$   
**rgb: (M - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 4.9$   
 $\Delta E^*_{CIELAB} = 6.6$   
 $\Delta H^*_{CIELAB} = 3.3$   
 $\Delta E^*_{CIELAB} = 4.7$   
 $R^*_{ab,m} = 72$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

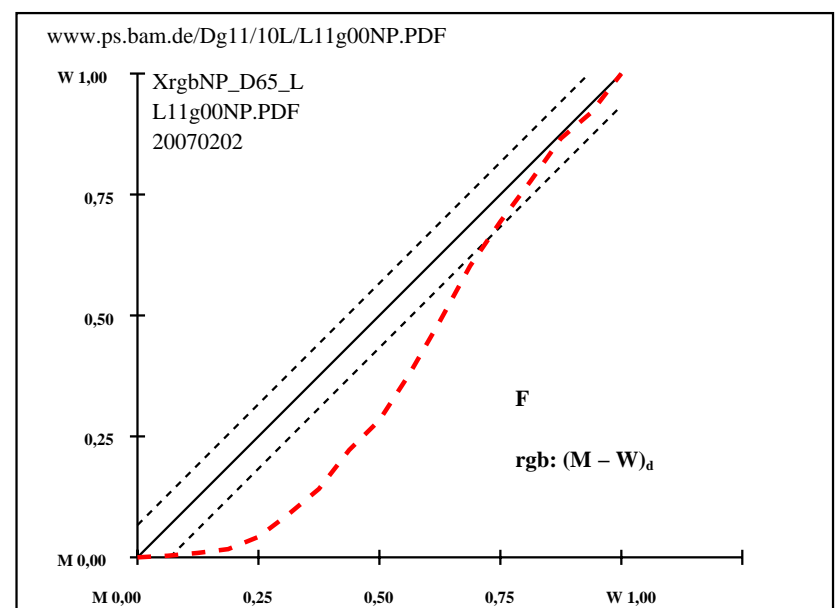
i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$		
M <sub>d</sub>	1	46.1	71.3	-6.3	355	46.1	71.3	-6.3	355
	2	49.2	66.8	-5.9	355	46.3	71.4	-6.5	355
	3	52.3	62.4	-5.5	355	46.7	70.9	-6.7	355
	4	55.4	57.9	-5.1	355	47.0	70.4	-7.1	354
	5	58.5	53.5	-4.7	355	47.4	68.7	-8.6	353
	6	61.5	49.0	-4.3	355	48.8	65.4	-10.6	351
	7	64.6	44.6	-3.9	355	51.1	61.0	-10.8	350
	8	67.7	40.1	-3.5	355	55.2	55.1	-11.6	348
Z <sub>d</sub>	9	70.8	35.7	-3.1	355	58.8	50.7	-11.1	348
	10	73.9	31.2	-2.7	355	63.9	43.8	-10.6	346
	11	77.0	26.7	-2.3	355	69.2	35.8	-9.3	345
	12	80.0	22.3	-1.9	355	74.3	27.2	-8.7	342
	13	83.1	17.8	-1.5	355	78.1	20.2	-8.4	337
	14	86.2	13.4	-1.1	355	82.0	14.0	-7.8	331
	15	89.3	8.9	-0.7	355	86.4	7.7	-6.5	319
	16	92.4	4.5	-0.3	355	89.9	4.5	-4.3	316
W <sub>d</sub>	17	95.5	0.0	0.0	0	95.5	0.0	0.0	0
M <sub>d</sub>	18	46.1	71.3	-6.3	355	46.1	71.3	-6.3	355
M <sub>d</sub>	19	58.5	53.5	-4.7	355	47.4	68.7	-8.6	353
Z <sub>d</sub>	20	70.8	35.7	-3.1	355	58.8	50.7	-11.1	348
Z <sub>d</sub>	21	83.1	17.8	-1.5	355	78.1	20.2	-8.4	337
W <sub>d</sub>	22	95.5	0.0	0.0	0	95.5	0.0	0.0	0

$\Delta L^* = 95.45 - 46.14$   
 $g^* = 6.3$   
 $f^* = 63.7$   
**rgb: (M - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 10.0$   
 $\Delta E^*_{CIELAB} = 12.1$   
 $\Delta H^*_{CIELAB} = 8.0$   
 $\Delta E^*_{CIELAB} = 9.8$   
 $R^*_{ab,m} = 47$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

F"; rgb6/24

entrada: rgb/cmy0/000n/w set...  
 salida: ->rgb<sub>dd</sub> setrgbcolor

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82L0NA.PDF> /PS  
 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /PS  
 aplicación para la medida de display output

TUB material: code=rh4ta



N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S)

T	i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
N <sub>d</sub>	1	8.7	0.0	0.0	0	8.7	0.0	0.0	0
	2	13.9	0.0	0.0	0	13.9	0.7	-2.5	285
	3	19.1	0.0	0.0	0	20.8	-0.2	-3.9	266
	4	24.4	0.0	0.0	0	27.4	-1.8	-3.0	238
	5	29.6	0.0	0.0	0	34.4	-2.2	-3.4	237
	6	34.9	0.0	0.0	0	40.2	-2.7	-1.7	213
	7	40.1	0.0	0.0	0	45.9	-3.1	-1.5	207
	8	45.4	0.0	0.0	0	52.0	-3.9	-1.1	197
Z <sub>d</sub>	9	50.6	0.0	0.0	0	57.5	-3.9	-1.5	202
	10	55.9	0.0	0.0	0	63.4	-3.1	-1.9	212
	11	61.1	0.0	0.0	0	69.1	-1.8	-2.1	229
	12	66.4	0.0	0.0	0	75.2	-0.6	-2.1	252
	13	71.6	0.0	0.0	0	81.2	0.1	-1.4	274
	14	76.9	0.0	0.0	0	86.9	0.0	-0.1	270
	15	82.1	0.0	0.0	0	92.0	-0.7	1.1	126
	16	87.4	0.0	0.0	0	92.7	0.0	0.0	0
W <sub>d</sub>	17	92.6	0.0	0.0	0	92.6	0.0	0.0	0
N <sub>d</sub>	18	8.7	0.0	0.0	0	8.7	0.0	0.0	0
	19	29.6	0.0	0.0	0	34.4	-2.2	-3.4	237
Z <sub>d</sub>	20	50.6	0.0	0.0	0	57.5	-3.9	-1.5	202
	21	71.6	0.0	0.0	0	81.2	0.1	-1.4	274
W <sub>d</sub>	22	92.6	0.0	0.0	0	92.6	0.0	0.0	0

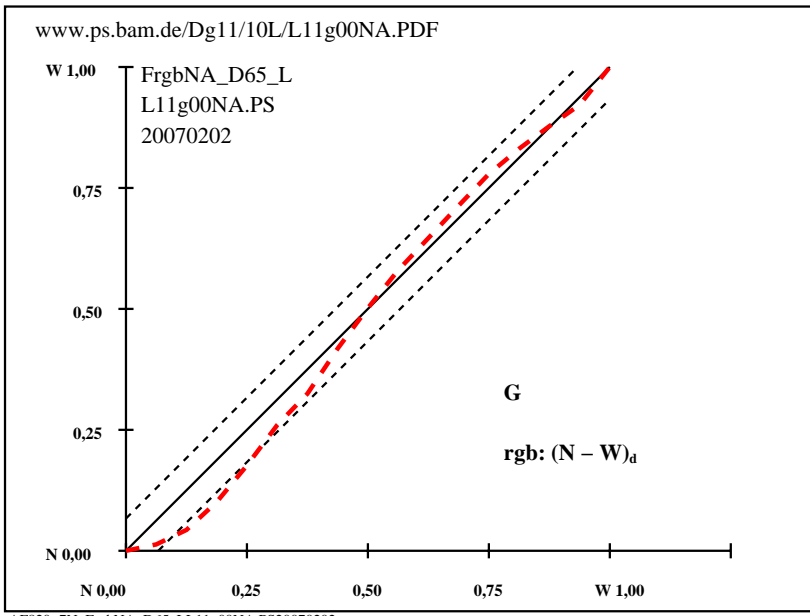
$\Delta L^* = 92.63 - 8.65$   
 $g^* = 44.4$   
 $f^* = 108.5$   
**rgb: (N - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 2.5$   
 $\Delta E^*_{CIELAB} = 6.3$   
 $\Delta H^*_{CIELAB} = 2.0$   
 $\Delta E^*_{CIELAB} = 4.8$   
 $R^*_{ab,m} = 72$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

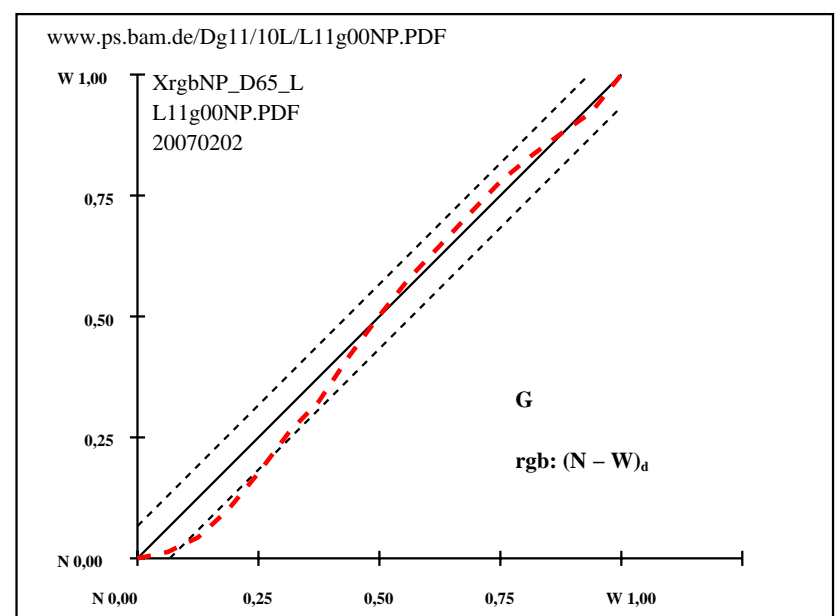
i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
N <sub>d</sub>	1	21.7	0.0	0.0	0	21.7	0.0	0.0
	2	26.3	0.0	0.0	0	22.6	0.0	0.0
	3	30.9	0.0	0.0	0	24.8	0.1	90
	4	35.5	0.0	0.0	0	29.1	0.0	0.0
	5	40.1	0.0	0.0	0	34.7	0.0	0.0
	6	44.7	0.0	0.0	0	40.8	0.0	0.0
	7	49.3	0.0	0.0	0	45.6	0.2	90
	8	53.9	0.0	0.0	0	52.5	0.0	0.1
Z <sub>d</sub>	9	58.6	0.0	0.0	0	58.7	0.2	90
	10	63.2	0.0	0.0	0	64.5	0.2	90
	11	67.8	0.0	0.0	0	69.4	0.2	90
	12	72.4	0.0	0.0	0	74.3	0.2	90
	13	77.0	0.0	0.0	0	79.1	0.1	90
	14	81.6	0.0	0.0	0	83.0	0.0	0.0
	15	86.2	0.0	0.0	0	86.4	0.1	90
	16	90.8	0.0	0.0	0	89.7	0.2	90
W <sub>d</sub>	17	95.5	0.0	0.0	0	95.5	0.0	0.0
N <sub>d</sub>	18	21.7	0.0	0.0	0	21.7	0.0	0.0
	19	40.1	0.0	0.0	0	34.7	0.0	0.0
Z <sub>d</sub>	20	58.6	0.0	0.0	0	58.7	0.2	90
	21	77.0	0.0	0.0	0	79.1	0.1	90
W <sub>d</sub>	22	95.5	0.0	0.0	0	95.5	0.0	0.0

$\Delta L^* = 95.46 - 21.66$   
 $g^* = 54.2$   
 $f^* = 95.3$   
**rgb: (N - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 0.1$   
 $\Delta E^*_{CIELAB} = 2.4$   
 $\Delta H^*_{CIELAB} = 0.1$   
 $\Delta E^*_{CIELAB} = 1.6$   
 $R^*_{ab,m} = 90$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

G"; rgb7/24

entrada: rgb/cmy0/000n/w set...  
salida: ->rgb<sub>dd</sub> setrgbcolor

vea archivos semejantes: http://farbe.li.tu-berlin.de/AF82/AF82L0NP.PDF /.PS; comience salida, página 7/24  
 información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /.PS  
 aplicación para la medida de display output  
 TUB material: code=rh4ta

N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S)

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$						
N <sub>d</sub>	1	8.3	0.1	-0.1	297	8.3	0.1	-0.1	297	0.0	0.0	0.0	0.0	0.0
	2	10.0	3.9	2.6	34	9.7	3.9	1.8	25	-0.3	0.0	-0.7	0.8	0.9
	3	11.7	7.7	5.4	35	11.3	8.2	4.5	29	-0.3	0.5	-0.8	1.0	1.1
	4	13.4	11.5	8.2	35	13.0	12.5	7.3	30	-0.3	1.0	-0.8	1.3	1.4
	5	15.0	15.3	11.0	36	14.9	17.1	10.2	31	-0.1	1.8	-0.7	2.0	2.0
	6	16.7	19.1	13.8	36	16.6	21.7	13.2	31	0.0	2.6	-0.5	2.7	2.7
	7	18.4	22.9	16.6	36	18.4	26.0	16.1	32	0.0	3.1	-0.4	3.1	3.1
	8	20.1	26.7	19.4	36	20.5	30.2	19.4	33	0.4	3.5	0.0	3.5	3.5
	9	21.7	30.5	22.2	36	22.4	34.9	23.0	33	0.7	4.4	0.8	4.5	4.5
	10	23.4	34.3	25.0	36	25.1	39.2	26.1	34	1.7	4.9	1.1	5.0	5.3
	11	25.1	38.1	27.8	36	27.3	44.2	30.5	35	2.2	6.1	2.7	6.7	7.0
	12	26.7	41.9	30.6	36	29.8	49.1	34.6	35	3.1	7.2	4.0	8.2	8.8
	13	28.4	45.7	33.4	36	32.3	54.6	39.7	36	3.9	8.9	6.3	10.9	11.6
	14	30.1	49.5	36.2	36	34.0	58.1	42.7	36	3.9	8.6	6.5	10.8	11.5
	15	31.8	53.3	39.0	36	35.1	60.5	44.7	36	3.4	7.2	5.7	9.2	9.8
	16	33.4	57.1	41.8	36	35.2	60.7	44.7	36	1.7	3.6	2.9	4.6	4.9
	17	35.1	60.9	44.6	36	35.1	60.9	44.6	36	0.0	0.0	0.0	0.0	0.0
R <sub>d</sub>	18	8.3	0.1	-0.1	297	8.3	0.1	-0.1	297	0.0	0.0	0.0	0.0	0.0
	19	15.0	15.3	11.0	36	14.9	17.1	10.2	31	-0.1	1.8	-0.7	2.0	2.0
	20	21.7	30.5	22.2	36	22.4	34.9	23.0	33	0.7	4.4	0.8	4.5	4.5
	21	28.4	45.7	33.4	36	32.3	54.6	39.7	36	3.9	8.9	6.3	10.9	11.6
R <sub>d</sub>	22	35.1	60.9	44.6	36	35.1	60.9	44.6	36	0.0	0.0	0.0	0.0	0.0

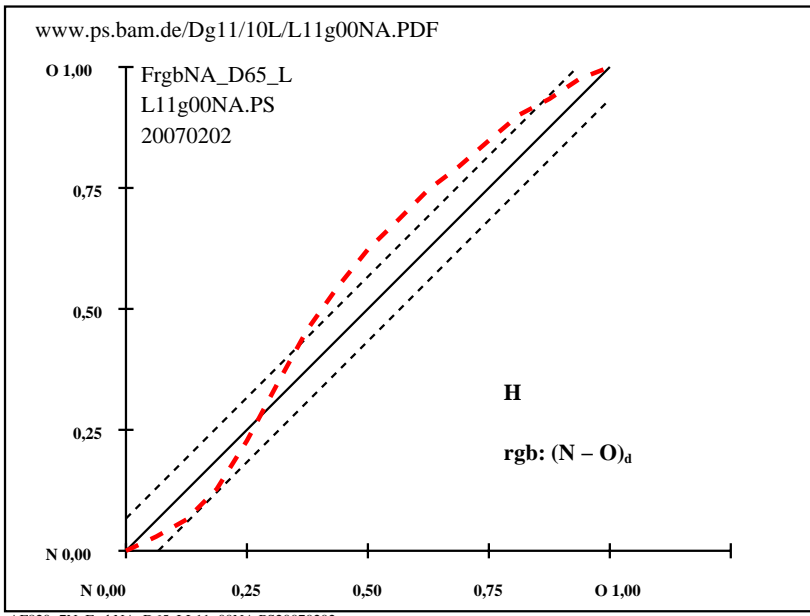
**g\* = 28.8**  
**f\* = 34.6**  
**rgb: (N - O)<sub>d</sub>**  
 **$\Delta H^*$ \*CIELAB = 4.4**  
 **$\Delta E^*$ \*CIELAB = 4.6**  
 **$\Delta H^*$ \*CIELAB = 3.5**  
 **$\Delta E^*$ \*CIELAB = 3.6**  
**R\*<sub>ab,m</sub> = 80**

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

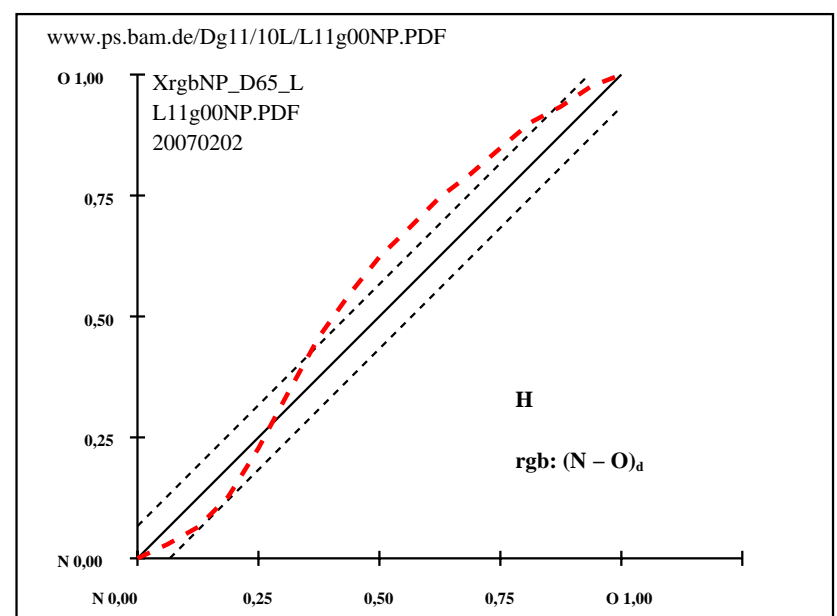
i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$							
N <sub>d</sub>	1	22.0	0.0	0	22.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	
	2	23.5	3.8	2.4	32	21.6	2.1	-0.4	347	-1.9	-1.6	-2.8	3.3	3.9
	3	25.1	7.6	4.7	32	21.6	4.8	0.7	8	-3.3	-2.7	-3.9	4.9	6.0
	4	26.6	11.3	7.1	32	23.6	8.5	4.2	26	-2.9	-2.7	-2.8	4.1	5.1
	5	28.1	15.1	9.5	32	26.4	13.3	9.9	37	-1.6	-1.7	0.4	1.9	2.5
	6	29.6	18.9	11.8	32	30.4	16.7	18.0	47	0.8	-2.1	6.2	6.6	6.6
	7	31.1	22.7	14.2	32	33.1	22.8	23.4	46	1.9	0.1	9.2	9.2	9.4
	8	32.7	26.5	16.5	32	34.7	28.2	27.1	44	2.0	1.7	10.6	10.7	10.9
	9	34.2	30.3	18.9	32	36.4	33.4	29.7	42	2.2	3.2	10.8	11.3	11.5
	10	35.7	34.0	21.3	32	37.5	37.3	32.0	41	1.8	3.3	10.7	11.2	11.4
	11	37.2	37.8	23.6	32	38.7	41.6	34.0	39	1.5	3.8	10.4	11.0	11.1
	12	38.7	41.6	26.0	32	39.9	44.7	35.5	38	1.2	3.1	9.5	10.0	10.1
	13	40.2	45.4	28.4	32	41.4	48.6	36.7	37	1.2	3.2	8.4	9.0	9.0
	14	41.8	49.2	30.7	32	42.9	52.1	38.2	36	1.2	2.9	7.5	8.0	8.1
	15	43.3	52.9	33.1	32	44.3	54.9	38.0	35	1.0	2.0	4.9	5.3	5.4
	16	44.8	56.7	35.4	32	45.6	58.3	38.1	33	0.8	1.6	2.7	3.1	3.2
	17	46.3	60.5	37.8	32	46.3	60.5	37.8	32	0.0	0.0	0.0	0.0	0.0
R <sub>d</sub>	18	22.0	0.0	0	22.0	0.0	0.0	0	0	0.0	0.0	0.0	0.0	0.0
	19	28.1	15.1	9.5	32	26.4	13.3	9.9	37	-1.6	-1.7	0.4	1.9	2.5
	20	34.2	30.3	18.9	32	36.4	33.4	29.7	42	2.2	3.2	10.8	11.3	11.5
	21	40.2	45.4	28.4	32	41.4	48.6	36.7	37	1.2	3.2	8.4	9.0	9.0
R <sub>d</sub>	22	46.3	60.5	37.8	32	46.3	60.5	37.8	32	0.0	0.0	0.0	0.0	0.0

**$\Delta L^*$  = 35.11 - 8.34**  
 **$\Delta L^*$  = 46.32 - 22.02**  
**g\* = 44.0**  
**f\* = 31.4**  
**rgb: (N - O)<sub>d</sub>**  
 **$\Delta H^*$ \*CIELAB = 6.4**  
 **$\Delta E^*$ \*CIELAB = 6.7**  
 **$\Delta H^*$ \*CIELAB = 4.4**  
 **$\Delta E^*$ \*CIELAB = 4.6**  
**R\*<sub>ab,m</sub> = 71**

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82L0NP.PDF> /PS  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /PS  
aplicación para la medida de display output  
TUB material: code=rh4ta



N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S)

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82.HTM>  
 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$
N <sub>d</sub>	1	8.5	0.0	0.0	0	8.5	0.0	0.0
	2	13.2	-0.2	6.9	92	13.2	-2.5	6.5
	3	18.0	-0.4	13.9	92	19.3	-6.1	15.0
	4	22.7	-0.7	20.8	92	25.2	-9.1	23.7
	5	27.4	-0.9	27.7	92	31.5	-11.0	31.9
	6	32.1	-1.2	34.7	92	37.0	-11.8	40.1
	7	36.9	-1.4	41.6	92	42.2	-12.9	47.8
	8	41.6	-1.7	48.5	92	48.4	-14.0	56.5
d	9	46.3	-1.9	55.5	92	53.8	-14.5	64.3
	10	51.0	-2.2	62.4	92	59.1	-14.2	72.7
	11	55.7	-2.4	69.3	92	64.6	-12.7	80.6
	12	60.5	-2.7	76.2	92	70.0	-10.3	89.2
	13	65.2	-2.9	83.2	92	75.4	-7.4	97.4
	14	69.9	-3.2	90.1	92	80.0	-5.4	104.5
	15	74.6	-3.4	97.0	92	83.6	-4.4	110.3
	16	79.3	-3.7	104.0	92	83.9	-4.0	110.9
Y <sub>d</sub>	17	84.1	-3.9	110.9	92	84.1	-3.9	110.9
N <sub>d</sub>	18	8.5	0.0	0.0	0	8.5	0.0	0.0
	19	27.4	-0.9	27.7	92	31.5	-11.0	31.9
d	20	46.3	-1.9	55.5	92	53.8	-14.5	64.3
	21	65.2	-2.9	83.2	92	75.4	-7.4	97.4
Y <sub>d</sub>	22	84.1	-3.9	110.9	92	84.1	-3.9	110.9

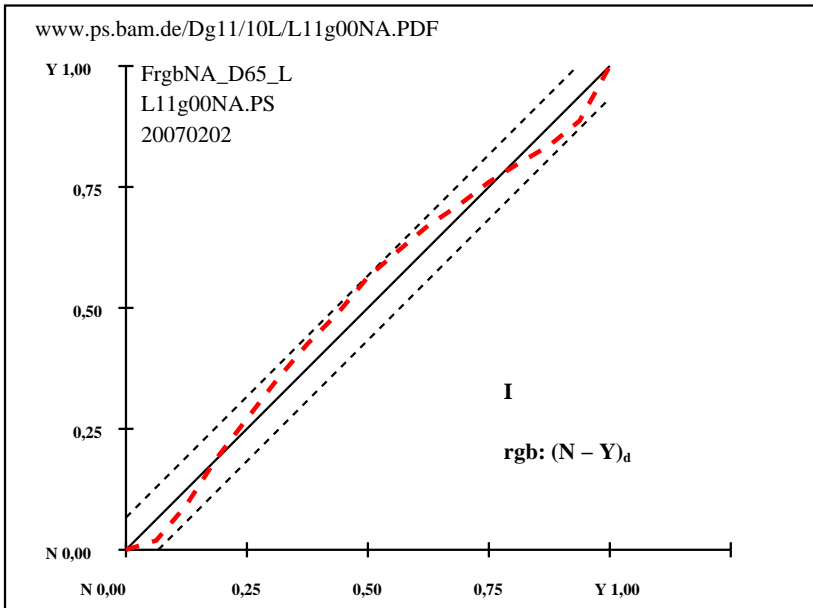
**CIELAB**  
 $\Delta L^* = 84.07 - 8.52$   
 $g^* = 37.7$   
 $f^* = 97.6$   
**rgb: (N - Y)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 10.5$   
 $\Delta E^*_{CIELAB} = 12.0$   
 $\Delta H^*_{CIELAB} = 8.2$   
 $\Delta E^*_{CIELAB} = 9.4$   
 $R^*_{ab,m} = 48$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

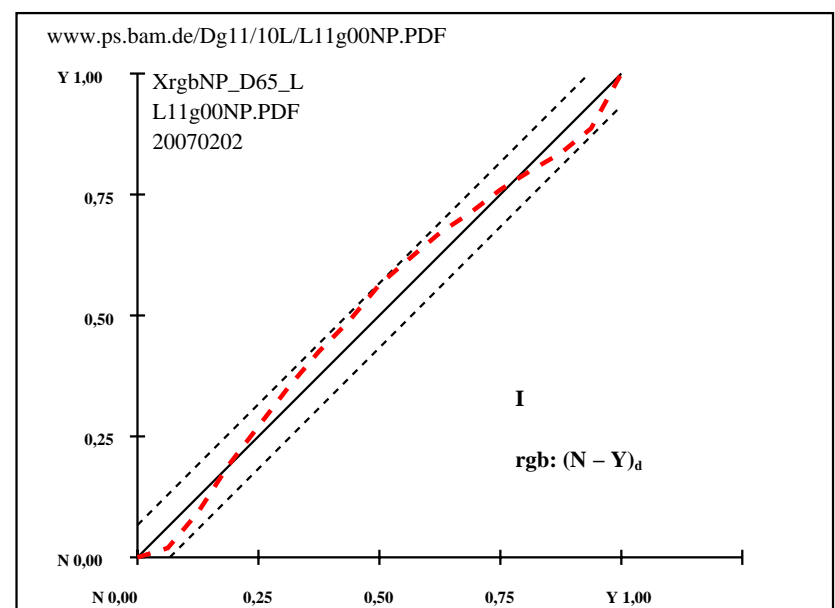
i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$
N <sub>d</sub>	1	22.0	0.0	0.0	0	22.0	0.0
	2	26.3	-1.0	7.0	99	22.2	-0.7
	3	30.6	-2.1	14.0	99	26.2	-3.4
	4	34.9	-3.1	20.9	99	32.4	-5.1
	5	39.2	-4.2	27.9	99	38.0	-6.9
	6	43.5	-5.3	34.9	99	43.4	-8.6
	7	47.8	-6.4	41.9	99	48.4	-9.6
	8	52.1	-7.4	48.9	99	53.3	-10.5
d	9	56.4	-8.5	55.9	99	58.7	-11.6
	10	60.7	-9.6	62.8	99	62.6	-12.3
	11	65.0	-10.7	69.8	99	66.5	-12.9
	12	69.3	-11.7	76.8	99	69.6	-14.0
	13	73.6	-12.8	83.8	99	73.2	-14.2
	14	77.9	-13.9	90.8	99	76.2	-14.7
	15	82.3	-15.0	97.7	99	79.0	-15.4
	16	86.6	-16.0	104.7	99	82.7	-15.7
Y <sub>d</sub>	17	90.9	-17.1	111.7	99	90.9	-17.1
N <sub>d</sub>	18	22.0	0.0	0.0	0	22.0	0.0
	19	39.2	-4.2	27.9	99	38.0	-6.9
d	20	56.4	-8.5	55.9	99	58.7	-11.6
	21	73.6	-12.8	83.8	99	73.2	-14.2
Y <sub>d</sub>	22	90.9	-17.1	111.7	99	90.9	-17.1

**CIELAB**  
 $\Delta L^* = 90.87 - 21.96$   
 $g^* = 70.1$   
 $f^* = 89.0$   
**rgb: (N - Y)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 4.5$   
 $\Delta E^*_{CIELAB} = 5.0$   
 $\Delta H^*_{CIELAB} = 3.0$   
 $\Delta E^*_{CIELAB} = 3.1$   
 $R^*_{ab,m} = 79$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

entrada: *rgb/cmy0/000n/w set...*  
 salida: *->rgb<sub>dd</sub> setrgbcolor*

I"; rgb9/24

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /.PS  
 aplicación para la medida de display output

TUB material: code=rh4ta

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$						
N <sub>d</sub>	1	8.5	0.1	0.0	315	8.5	0.1	0.0	315	0.0	0.0	0.0	0.0	0.0
	2	10.7	-3.7	2.9	142	11.7	-6.3	4.0	148	1.0	-2.5	1.1	2.8	3.0
	3	12.9	-7.5	6.0	142	15.6	-14.5	9.6	147	2.7	-6.9	3.6	7.8	8.3
	4	15.1	-11.4	9.0	142	19.8	-22.2	15.1	146	4.7	-10.7	6.1	12.4	13.3
	5	17.3	-15.3	12.1	142	23.5	-29.2	20.1	146	6.2	-13.8	8.0	16.1	17.2
	6	19.5	-19.1	15.1	142	26.7	-34.8	24.6	145	7.2	-15.6	9.5	18.3	19.7
	7	21.7	-23.0	18.2	142	29.7	-39.9	28.7	144	8.0	-16.8	10.5	19.9	21.5
	8	23.9	-26.9	21.2	142	33.0	-45.0	33.4	143	9.1	-18.0	12.2	21.8	23.6
	9	26.1	-30.8	24.2	142	35.5	-49.3	37.1	143	9.4	-18.5	12.9	22.6	24.5
d	10	28.3	-34.6	27.3	142	37.7	-52.7	40.1	143	9.4	-18.0	12.8	22.2	24.1
	11	30.5	-38.5	30.3	142	39.6	-55.6	42.9	142	9.1	-17.0	12.6	21.2	23.1
	12	32.7	-42.4	33.4	142	41.0	-57.7	44.8	142	8.3	-15.2	11.4	19.1	20.8
	13	34.9	-46.2	36.4	142	42.1	-59.5	46.4	142	7.2	-13.2	10.0	16.6	18.1
	14	37.1	-50.1	39.5	142	43.0	-60.8	47.5	142	5.9	-10.6	8.0	13.4	14.6
	15	39.3	-54.0	42.5	142	43.7	-61.7	48.7	142	4.4	-7.6	6.2	9.9	10.8
	16	41.5	-57.8	45.6	142	43.7	-61.6	48.8	142	2.2	-3.7	3.2	5.0	5.4
	17	43.7	-61.7	48.6	142	43.7	-61.7	48.6	142	0.0	0.0	0.0	0.0	0.0
G <sub>d</sub>	17	43.7	-61.7	48.6	142	43.7	-61.7	48.6	142	0.0	0.0	0.0	0.0	0.0
N <sub>d</sub>	18	8.5	0.1	0.0	315	8.5	0.1	0.0	315	0.0	0.0	0.0	0.0	0.0
	19	17.3	-15.3	12.1	142	23.5	-29.2	20.1	146	6.2	-13.8	8.0	16.1	17.2
	20	26.1	-30.8	24.2	142	35.5	-49.3	37.1	143	9.4	-18.5	12.9	22.6	24.5
d	21	34.9	-46.2	36.4	142	42.1	-59.5	46.4	142	7.2	-13.2	10.0	16.6	18.1
	22	43.7	-61.7	48.6	142	43.7	-61.7	48.6	142	0.0	0.0	0.0	0.0	0.0
G <sub>d</sub>	22	43.7	-61.7	48.6	142	43.7	-61.7	48.6	142	0.0	0.0	0.0	0.0	0.0

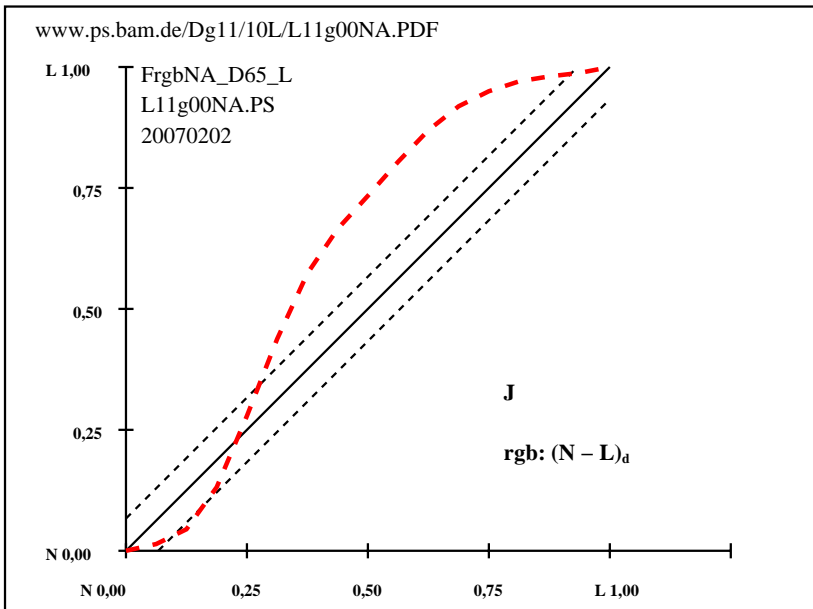
**CIELAB**  
 $\Delta L^* = 43.7 - 8.49$   
 $g^* = 10.4$   
 $f^* = 45.5$   
**rgb: (N - L)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 13.5$   
 $\Delta E^*_{CIELAB} = 14.6$   
 $\Delta H^*_{CIELAB} = 11.0$   
 $\Delta E^*_{CIELAB} = 12.0$   
 $R^*_{ab,m} = 36$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

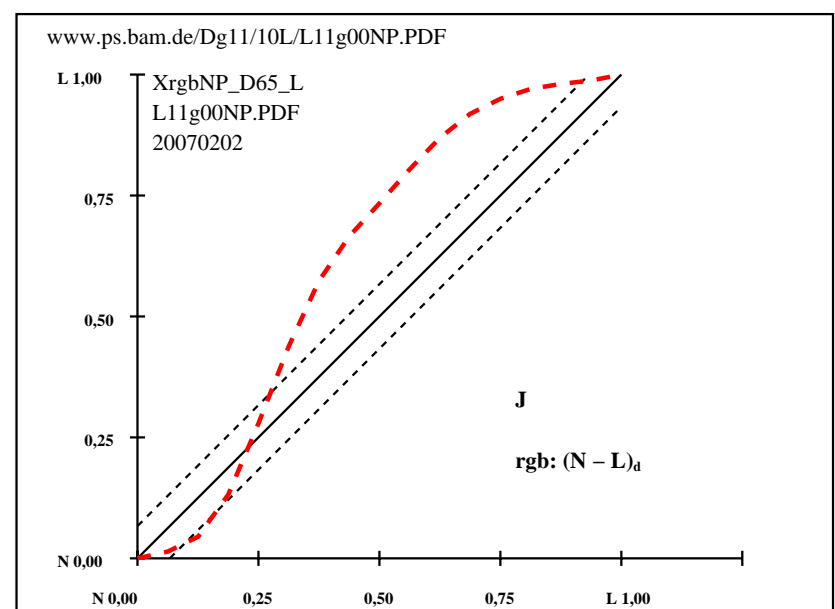
i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$							
N <sub>d</sub>	1	21.9	0.0	0.0	0	21.9	0.0	0.0	0	0.0	0.0	0.0	0.0	
	2	23.4	-4.1	2.3	152	21.3	-0.8	-0.2	198	-2.0	3.3	-2.5	4.2	4.7
	3	24.9	-8.3	4.5	152	22.1	-3.4	0.6	170	-2.7	4.9	-3.8	6.3	6.9
	4	26.4	-12.5	6.8	152	24.8	-8.5	5.3	148	-1.5	4.0	-1.3	4.3	4.5
	5	27.9	-16.7	9.0	152	28.7	-17.2	12.3	145	0.8	-0.4	3.3	3.3	3.4
	6	29.4	-20.9	11.3	152	31.5	-28.3	18.1	147	2.0	-7.3	6.9	10.1	10.3
	7	30.9	-25.1	13.5	152	34.6	-37.9	22.3	150	3.6	-12.7	8.8	15.5	16.0
	8	32.5	-29.3	15.8	152	36.1	-45.1	24.2	152	3.7	-15.7	8.5	17.9	18.3
d	9	34.0	-33.5	18.0	152	38.2	-49.8	26.2	152	4.3	-16.2	8.2	18.2	18.7
	10	35.5	-37.7	20.3	152	40.1	-54.6	28.5	152	4.6	-16.8	8.3	18.8	19.4
	11	37.0	-41.9	22.5	152	41.8	-59.0	30.7	153	4.8	-17.0	8.2	19.0	19.6
	12	38.5	-46.1	24.8	152	42.6	-62.8	31.8	153	4.1	-16.6	7.0	18.1	18.6
	13	40.0	-50.3	27.0	152	43.4	-64.9	32.9	153	3.4	-14.5	5.9	15.7	16.1
	14	41.5	-54.5	29.3	152	44.0	-66.5	33.1	154	2.5	-11.9	3.8	12.6	12.8
	15	43.0	-58.7	31.5	152	44.3	-67.0	33.8	153	1.3	-8.2	2.3	8.6	8.7
	16	44.5	-62.9	33.8	152	45.1	-67.1	34.4	153	0.6	-4.1	0.7	4.3	4.3
	17	46.0	-67.1	36.0	152	46.0	-67.1	36.0	152	0.0	0.0	0.0	0.0	0.0
G <sub>d</sub>	17	46.0	-67.1	36.0	152	46.0	-67.1	36.0	152	0.0	0.0	0.0	0.0	0.0
N <sub>d</sub>	18	21.9	0.0	0.0	0	21.9	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	19	27.9	-16.7	9.0	152	28.7	-17.2	12.3	145	0.8	-0.4	3.3	3.3	3.4
	20	34.0	-33.5	18.0	152	38.2	-49.8	26.2	152	4.3	-16.2	8.2	18.2	18.7
d	21	40.0	-50.3	27.0	152	43.4	-64.9	32.9	153	3.4	-14.5	5.9	15.7	16.1
	22	46.0	-67.1	36.0	152	46.0	-67.1	36.0	152	0.0	0.0	0.0	0.0	0.0
G <sub>d</sub>	22	46.0	-67.1	36.0	152	46.0	-67.1	36.0	152	0.0	0.0	0.0	0.0	0.0

**CIELAB**  
 $\Delta L^* = 46.01 - 21.91$   
 $g^* = 27.7$   
 $f^* = 31.1$   
**rgb: (N - L)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 10.4$   
 $\Delta E^*_{CIELAB} = 10.7$   
 $\Delta H^*_{CIELAB} = 7.5$   
 $\Delta E^*_{CIELAB} = 7.7$   
 $R^*_{ab,m} = 54$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82L0NA.PDF> /PS; comience salida, página 10/24  
 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /.PS  
 aplicación para la medida de display output  
 TUB material: code=rh4ta

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$
N <sub>d</sub>	1	8.8	0.1	0.0	315	8.8	0.1	0.0
	2	11.6	-1.6	-2.0	230	12.3	-2.8	-4.2
	3	14.4	-3.4	-4.0	229	17.2	-7.3	-7.4
	4	17.2	-5.3	-5.9	228	21.8	-12.4	-8.6
	5	20.0	-7.1	-7.9	228	26.6	-15.9	-10.8
	6	22.8	-8.9	-9.9	228	30.0	-20.0	-11.4
	7	25.6	-10.7	-11.9	228	33.5	-22.9	-12.8
	8	28.4	-12.5	-13.9	228	37.3	-26.2	-14.1
d	9	31.2	-14.4	-15.9	228	40.5	-28.1	-16.2
	10	34.0	-16.2	-17.8	228	43.4	-29.2	-18.7
	11	36.8	-18.0	-19.8	228	46.1	-29.5	-21.7
	12	39.6	-19.8	-21.8	228	48.4	-29.5	-24.5
	13	42.4	-21.6	-23.8	228	50.4	-29.4	-27.3
	14	45.2	-23.4	-25.8	228	52.1	-29.6	-29.1
	15	48.0	-25.3	-27.7	228	53.4	-29.8	-30.6
	16	50.8	-27.1	-29.7	228	53.7	-29.0	-31.6
C <sub>d</sub>	17	53.6	-28.9	-31.7	228	53.6	-28.9	-31.7
N <sub>d</sub>	18	8.8	0.1	0.0	315	8.8	0.1	0.0
	19	20.0	-7.1	-7.9	228	26.6	-15.9	-10.8
d	20	31.2	-14.4	-15.9	228	40.5	-28.1	-16.2
	21	42.4	-21.6	-23.8	228	50.4	-29.4	-27.3
C <sub>d</sub>	22	53.6	-28.9	-31.7	228	53.6	-28.9	-31.7

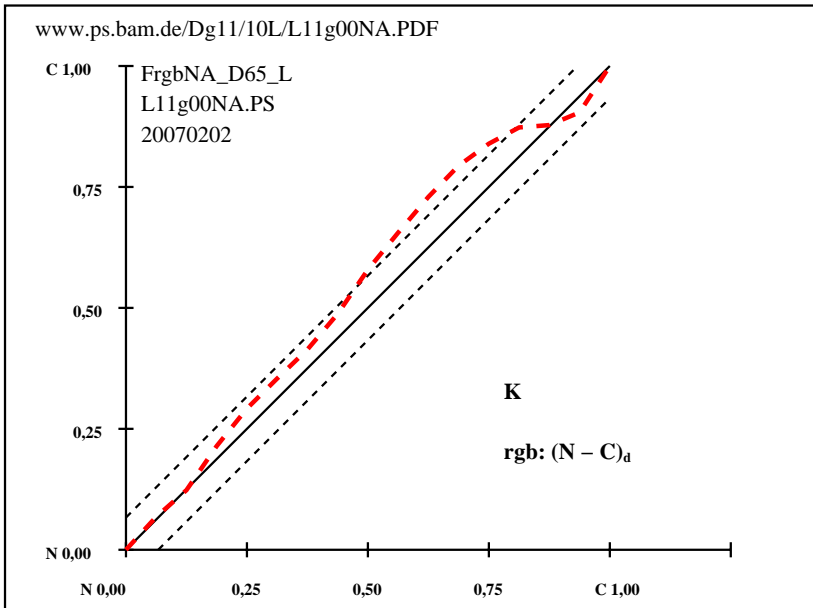
$\Delta L^* = 53.56 - 8.82$   
 $g^* = 18.1$   
 $f^* = 57.8$   
**rgb: (N - C)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 7.9$   
 $\Delta E^*_{CIELAB} = 9.8$   
 $\Delta H^*_{CIELAB} = 6.3$   
 $\Delta E^*_{CIELAB} = 7.9$   
 $R^*_{ab,m} = 57$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

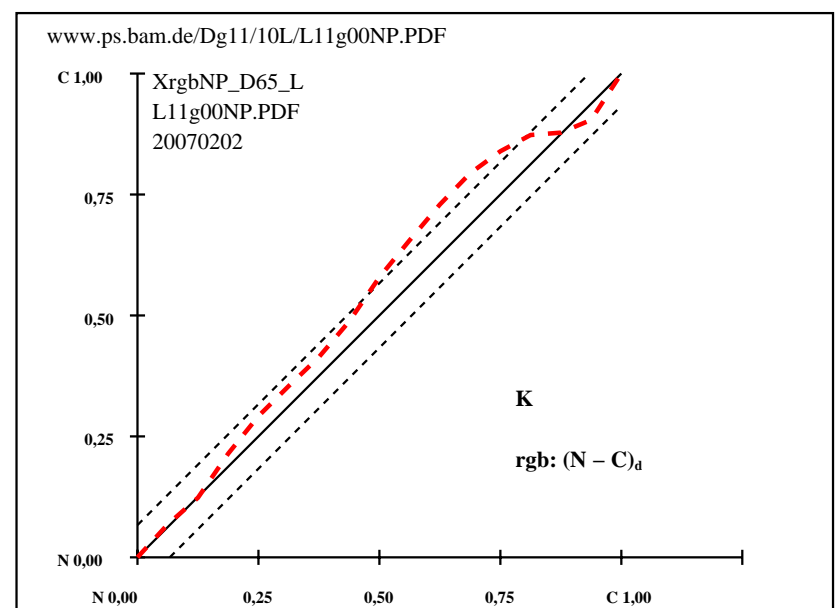
i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$
N <sub>d</sub>	1	20.7	0.0	-0.2	252	20.7	0.0
	2	22.5	-0.9	-3.5	254	20.3	-1.1
	3	24.4	-1.9	-6.8	254	20.6	-1.8
	4	26.3	-2.8	-10.1	254	22.7	-3.8
	5	28.2	-3.8	-13.4	254	26.0	-6.8
	6	30.1	-4.7	-16.7	254	27.8	-10.9
	7	32.0	-5.6	-20.0	254	30.1	-15.0
	8	33.9	-6.6	-23.3	254	32.7	-17.1
d	9	35.8	-7.5	-26.6	254	36.5	-19.8
	10	37.6	-8.4	-29.8	254	39.6	-21.8
	11	39.5	-9.4	-33.1	254	42.6	-22.9
	12	41.4	-10.3	-36.4	254	45.4	-24.4
	13	43.3	-11.3	-39.7	254	46.9	-24.6
	14	45.2	-12.2	-43.0	254	48.3	-24.7
	15	47.1	-13.1	-46.3	254	48.3	-23.6
	16	49.0	-14.1	-49.6	254	49.3	-22.8
C <sub>d</sub>	17	50.9	-15.0	-52.9	254	50.9	-15.0
N <sub>d</sub>	18	20.7	0.0	-0.2	252	20.7	0.0
	19	28.2	-3.8	-13.4	254	26.0	-6.8
d	20	35.8	-7.5	-26.6	254	36.5	-19.8
	21	43.3	-11.3	-39.7	254	46.9	-24.6
C <sub>d</sub>	22	50.9	-15.0	-52.9	254	50.9	-15.0

$\Delta L^* = 50.86 - 20.66$   
 $g^* = 38.2$   
 $f^* = 39.0$   
**rgb: (N - C)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 8.1$   
 $\Delta E^*_{CIELAB} = 8.6$   
 $\Delta H^*_{CIELAB} = 6.0$   
 $\Delta E^*_{CIELAB} = 6.2$   
 $R^*_{ab,m} = 63$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82L0NA.PDF>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /.PS  
aplicación para la medida de display output

TUB material: code=rh4ta

N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S)

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$
N <sub>d</sub>	1	8.7	0.1	0.0	0	8.7	0.1	0.0
	2	9.1	3.4	-3.7	312	8.9	4.7	-8.5
	3	9.4	6.7	-7.5	311	9.4	10.2	-16.7
	4	9.7	10.0	-11.3	311	9.7	14.6	-22.3
	5	10.0	13.3	-15.1	311	10.9	19.0	-27.6
	6	10.3	16.6	-18.9	311	10.5	23.1	-32.2
	7	10.7	19.9	-22.7	311	11.0	27.0	-36.3
	8	11.0	23.2	-26.5	311	11.4	31.2	-40.5
d	9	11.3	26.5	-30.3	311	12.0	34.9	-44.1
	10	11.6	29.8	-34.0	311	12.3	39.2	-48.1
	11	11.9	33.1	-37.8	311	12.8	43.0	-51.8
	12	12.3	36.4	-41.6	311	13.3	46.1	-54.7
	13	12.6	39.7	-45.4	311	13.8	48.1	-56.5
	14	12.9	43.0	-49.2	311	14.0	50.1	-58.3
	15	13.2	46.3	-53.0	311	13.9	51.9	-59.9
	16	13.6	49.6	-56.8	311	13.9	52.7	-60.5
B <sub>d</sub>	17	13.9	52.9	-60.6	311	13.9	52.9	-60.6
N <sub>d</sub>	18	8.7	0.1	0.0	0	8.7	0.1	0.0
	19	10.0	13.3	-15.1	311	10.9	19.0	-27.6
d	20	11.3	26.5	-30.3	311	12.0	34.9	-44.1
	21	12.6	39.7	-45.4	311	13.8	48.1	-56.5
B <sub>d</sub>	22	13.9	52.9	-60.6	311	13.9	52.9	-60.6

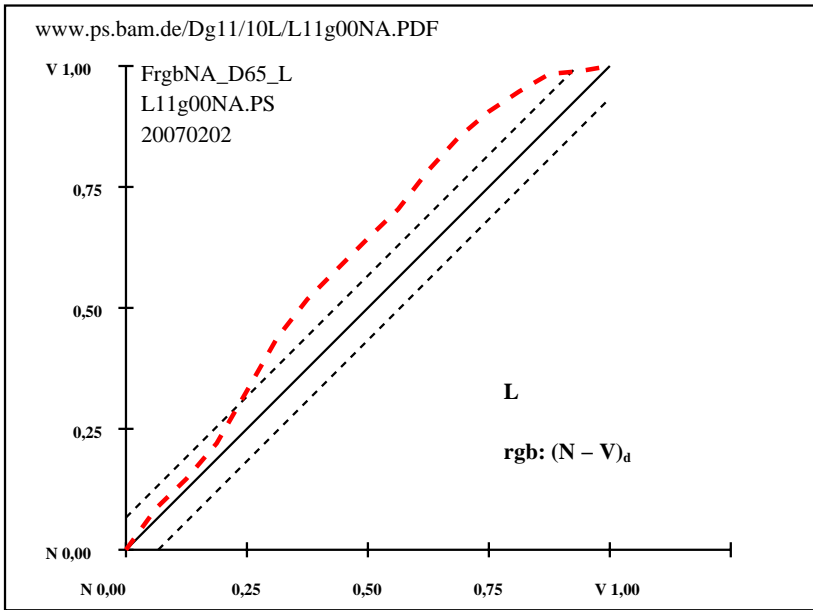
**CIELAB**  
 $\Delta L^* = 13.88 - 8.73$   
 $g^* = 4.6$   
 $f^* = 6.7$   
**rgb: (N - V)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 11.3$   
 $\Delta E^*_{CIELAB} = 11.3$   
 $\Delta H^*_{CIELAB} = 8.8$   
 $\Delta E^*_{CIELAB} = 8.8$   
 $R^*_{ab,m} = 50$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

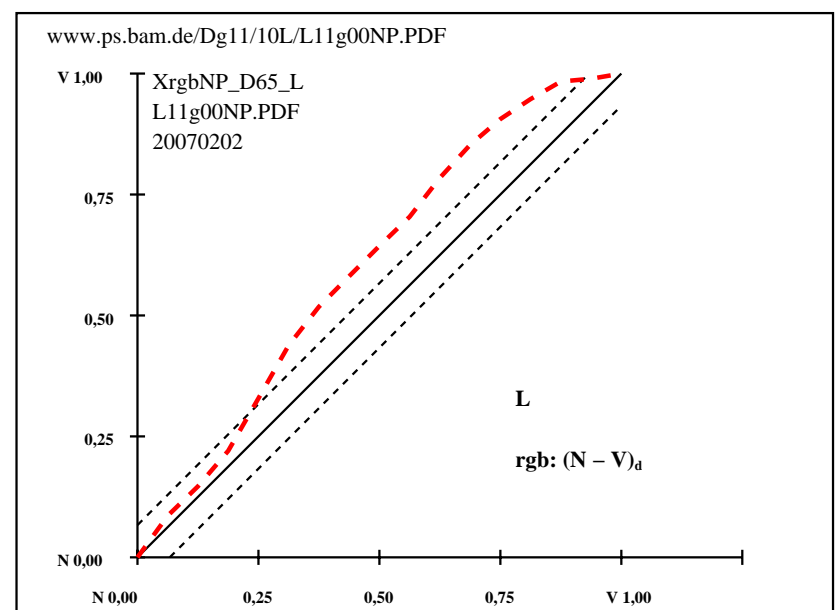
i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$
N <sub>d</sub>	1	20.4	0.0	-0.2	252	20.4	0.0
	2	21.5	0.0	-3.3	270	19.5	-0.4
	3	22.7	0.1	-6.3	271	19.3	-0.4
	4	23.8	0.1	-9.4	271	20.1	-0.8
	5	25.0	0.2	-12.5	271	22.1	-1.1
	6	26.1	0.3	-15.5	271	24.3	-0.7
	7	27.3	0.4	-18.6	271	25.7	0.2
	8	28.4	0.5	-21.6	271	27.0	0.9
d	9	29.6	0.6	-24.7	271	27.9	1.8
	10	30.7	0.6	-27.8	271	29.2	2.7
	11	31.9	0.7	-30.8	271	31.0	3.8
	12	33.1	0.8	-33.9	271	32.7	4.4
	13	34.2	0.9	-37.0	271	33.8	5.2
	14	35.4	1.0	-40.0	271	35.0	5.3
	15	36.5	1.0	-43.1	271	36.6	4.2
	16	37.7	1.1	-46.1	271	37.2	3.3
B <sub>d</sub>	17	38.8	1.2	-49.2	271	38.8	1.2
N <sub>d</sub>	18	20.4	0.0	-0.2	252	20.4	0.0
	19	25.0	0.2	-12.5	271	22.1	-1.1
d	20	29.6	0.6	-24.7	271	27.9	1.8
	21	34.2	0.9	-37.0	271	33.8	5.2
B <sub>d</sub>	22	38.8	1.2	-49.2	271	38.8	1.2

**CIELAB**  
 $\Delta L^* = 38.83 - 20.35$   
 $g^* = 28.9$   
 $f^* = 23.9$   
**rgb: (N - V)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 5.8$   
 $\Delta E^*_{CIELAB} = 6.2$   
 $\Delta H^*_{CIELAB} = 4.6$   
 $\Delta E^*_{CIELAB} = 4.8$   
 $R^*_{ab,m} = 73$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82L0NA.PDF> / .PS; comience salida, página 12/24  
 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /.PS  
 aplicación para la medida de display output

TUB material: code=rh4ta

T	i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$						
N <sub>d</sub>	1	8.9	0.0	0.2	90	8.9	0.0	0.2	90	0.0	0.0	0.0	0.0	
	2	10.7	5.0	-1.9	338	10.6	8.1	-6.4	321	0.0	3.1	-4.4	5.5	5.5
	3	12.6	10.0	-4.1	337	12.8	16.4	-12.6	322	0.2	6.4	-8.4	10.7	10.7
	4	14.4	14.9	-6.2	337	15.1	23.4	-16.7	324	0.7	8.5	-10.4	13.5	13.5
	5	16.2	19.9	-8.4	337	17.6	30.4	-20.9	325	1.4	10.5	-12.4	16.3	16.4
	6	18.1	24.9	-10.6	337	19.6	36.3	-23.0	328	1.5	11.4	-12.3	16.9	16.9
	7	19.9	29.9	-12.8	337	21.6	41.9	-25.9	328	1.6	12.0	-13.1	17.8	17.9
	8	21.7	34.9	-14.9	337	23.8	47.6	-28.4	329	2.1	12.7	-13.4	18.5	18.7
	9	23.6	39.9	-17.1	337	25.9	52.8	-30.6	330	2.4	13.0	-13.4	18.7	18.9
	10	25.4	44.8	-19.3	337	28.2	58.5	-33.0	330	2.8	13.7	-13.6	19.4	19.6
	11	27.2	49.8	-21.5	337	30.5	63.6	-34.3	332	3.3	13.8	-12.8	18.8	19.1
	12	29.1	54.8	-23.6	337	33.0	68.5	-35.1	333	3.9	13.7	-11.4	17.9	18.3
	13	30.9	59.8	-25.8	337	35.5	72.8	-34.8	334	4.5	13.0	-8.9	15.8	16.5
	14	32.7	64.8	-28.0	337	37.0	76.4	-34.6	336	4.2	11.6	-6.5	13.4	14.0
	15	34.6	69.7	-30.1	337	38.2	78.7	-34.3	336	3.6	9.0	-4.1	9.9	10.5
	16	36.4	74.7	-32.3	337	38.3	79.5	-34.6	336	1.9	4.8	-2.2	5.3	5.6
	17	38.2	79.7	-34.5	337	38.2	79.7	-34.5	337	0.0	0.0	0.0	0.0	0.0
M <sub>d</sub>	18	8.9	0.0	0.2	90	8.9	0.0	0.2	90	0.0	0.0	0.0	0.0	0.0
	19	16.2	19.9	-8.4	337	17.6	30.4	-20.9	325	1.4	10.5	-12.4	16.3	16.4
	20	23.6	39.9	-17.1	337	25.9	52.8	-30.6	330	2.4	13.0	-13.4	18.7	18.9
	21	30.9	59.8	-25.8	337	35.5	72.8	-34.8	334	4.5	13.0	-8.9	15.8	16.5
	22	38.2	79.7	-34.5	337	38.2	79.7	-34.5	337	0.0	0.0	0.0	0.0	0.0

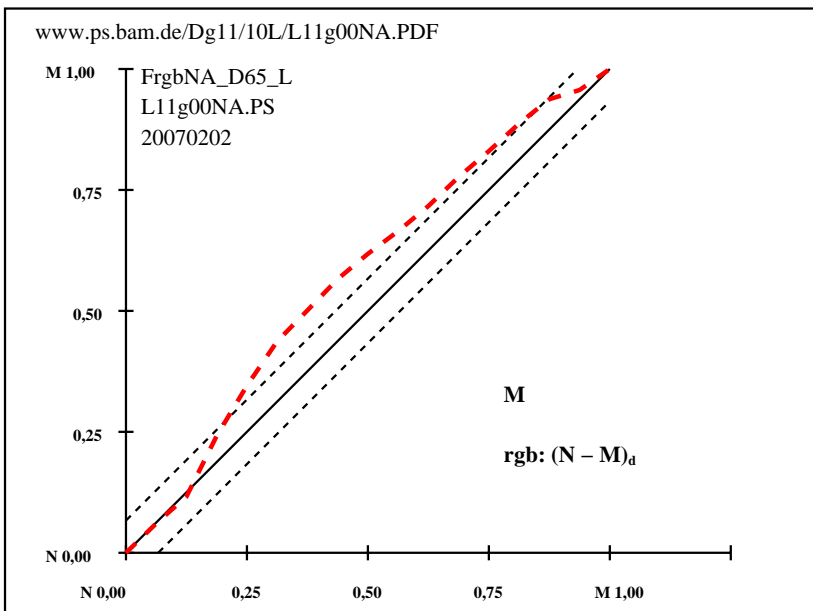
**CIELAB**  
 $\Delta L^* = 38.24 - 8.91$   
 $g^* = 29.3$   
 $f^* = 37.9$   
**rgb: (N - M)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 12.8$   
 $\Delta E^*_{CIELAB} = 13.1$   
 $\Delta H^*_{CIELAB} = 10.2$   
 $\Delta E^*_{CIELAB} = 10.3$   
 $R^*_{ab,m} = 43$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

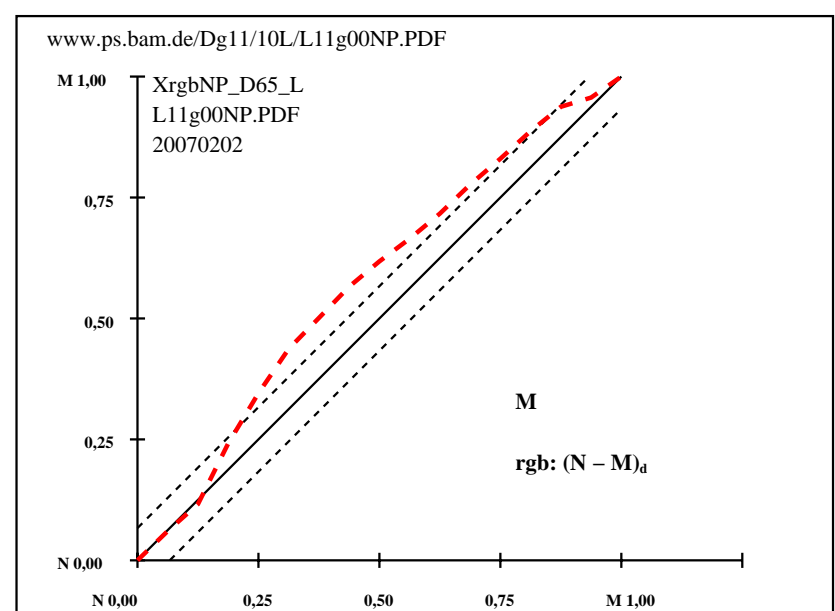
i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$							
N <sub>d</sub>	1	20.8	0.0	-0.2	252	20.8	0.0	-0.2	252	0.0	0.0	0.0	0.0	
	2	22.3	4.4	-0.6	351	19.5	2.0	-4.1	295	-2.8	-2.3	-3.4	4.2	5.1
	3	23.9	8.8	-1.0	353	19.9	6.6	-5.9	318	-3.9	-2.1	-4.9	5.4	6.8
	4	25.5	13.3	-1.3	354	21.8	15.4	-10.0	327	-3.6	2.1	-8.6	8.9	9.7
	5	27.1	17.8	-1.7	354	23.7	22.3	-13.6	328	-3.3	4.5	-11.8	12.7	13.2
	6	28.7	22.2	-2.1	354	25.2	28.4	-16.7	329	-3.4	6.2	-14.5	15.9	16.3
	7	30.3	26.7	-2.5	355	27.0	32.9	-18.2	331	-3.2	6.2	-15.6	16.9	17.3
	8	31.9	31.1	-2.8	355	29.2	37.5	-19.3	333	-2.6	6.4	-16.4	17.7	17.9
	9	33.5	35.6	-3.2	355	30.7	41.7	-19.2	335	-2.6	6.1	-15.9	17.1	17.3
	10	35.1	40.1	-3.6	355	32.6	45.5	-18.5	338	-2.3	5.4	-14.8	15.9	16.1
	11	36.7	44.5	-4.0	355	34.8	49.9	-16.7	341	-1.7	5.4	-12.6	13.8	14.0
	12	38.2	49.0	-4.3	355	37.1	54.5	-15.7	344	-1.1	5.5	-11.3	12.6	12.7
	13	39.8	53.5	-4.7	355	39.3	58.9	-12.8	348	-0.4	5.4	-8.0	9.8	9.8
	14	41.4	57.9	-5.1	355	41.7	63.0	-11.6	349	0.3	5.1	-6.4	8.3	8.3
	15	43.0	62.4	-5.5	355	43.6	66.7	-10.1	351	0.6	4.3	-4.5	6.4	6.4
	16	44.6	66.8	-5.8	355	44.4	68.1	-9.1	352	-0.1	1.3	-3.2	3.5	3.5
	17	46.2	71.3	-6.2	355	46.2	71.3	-6.2	355	0.0	0.0	0.0	0.0	0.0
M <sub>d</sub>	18	20.8	0.0	-0.2	252	20.8	0.0	-0.2	252	0.0	0.0	0.0	0.0	0.0
	19	27.1	17.8	-1.7	354	23.7	22.3	-13.6	328	-3.3	4.5	-11.8	12.7	13.2
	20	33.5	35.6	-3.2	355	30.7	41.7	-19.2	335	-2.6	6.1	-15.9	17.1	17.3
	21	39.8	53.5	-4.7	355	39.3	58.9	-12.8	348	-0.4	5.4	-8.0	9.8	9.8
	22	46.2	71.3	-6.2	355	46.2	71.3	-6.2	355	0.0	0.0	0.0	0.0	0.0

**CIELAB**  
 $\Delta L^* = 46.19 - 20.76$   
 $g^* = 34.3$   
 $f^* = 32.9$   
**rgb: (N - M)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 10.0$   
 $\Delta E^*_{CIELAB} = 10.2$   
 $\Delta H^*_{CIELAB} = 7.9$   
 $\Delta E^*_{CIELAB} = 8.1$   
 $R^*_{ab,m} = 55$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

M"; rgb13/24

entrada: rgb/cmy0/000n/w set...  
 salida: ->rgb<sub>dd</sub> setrgbcolor

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82L0NP.PDF> /PS  
 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /PS  
 aplicación para la medida de display output

TUB material: code=rh4ta

T	i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$						
N <sub>d</sub>	1	9.1	0.0	0.2	90	9.1	0.0	0.2	90	0.0	0.0	0.0	0.0	0.0
	2	14.4	0.0	0.2	90	14.6	0.3	-1.7	279	0.2	0.3	-1.9	2.0	2.0
	3	19.6	0.0	0.2	90	21.7	-0.4	-2.7	260	2.1	-0.4	-2.9	3.0	3.7
	4	24.8	0.0	0.2	90	28.4	-1.8	-1.9	226	3.6	-1.8	-2.1	2.9	4.6
	5	30.0	0.0	0.2	90	35.5	-2.1	-2.3	227	5.5	-2.1	-2.5	3.4	6.4
	6	35.3	0.0	0.1	90	41.3	-2.6	-0.4	190	6.1	-2.6	-0.5	2.8	6.7
	7	40.5	0.0	0.1	90	46.8	-2.6	-0.7	197	6.3	-2.6	-0.8	2.9	6.9
	8	45.7	0.0	0.1	90	52.9	-3.7	-0.2	185	7.2	-3.7	-0.3	3.8	8.1
Z <sub>d</sub>	9	51.0	0.0	0.1	90	58.3	-3.7	-0.8	193	7.3	-3.7	-0.9	3.9	8.3
	10	56.2	0.0	0.1	90	63.8	-3.2	-1.2	202	7.6	-3.2	-1.3	3.6	8.4
	11	61.4	0.0	0.1	90	69.8	-1.8	-1.5	220	8.4	-1.8	-1.6	2.5	8.7
	12	66.7	0.0	0.1	90	75.6	-0.8	-1.6	242	9.0	-0.8	-1.7	2.0	9.2
	13	71.9	0.0	0.1	90	81.6	0.0	-1.1	270	9.7	0.0	-1.2	1.3	9.8
	14	77.1	0.0	0.0	90	87.1	0.0	0.0	270	10.0	0.0	0.0	0.1	10.0
	15	82.3	0.0	0.0	90	92.1	-0.6	1.1	122	9.8	-0.6	1.1	1.3	9.8
	16	87.6	0.0	0.0	90	92.9	0.0	0.0	0	5.3	0.0	0.0	0.0	5.3
W <sub>d</sub>	17	92.8	0.0	0.0	0	92.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
N <sub>d</sub>	18	9.1	0.0	0.2	90	9.1	0.0	0.2	90	0.0	0.0	0.0	0.0	0.0
	19	30.0	0.0	0.2	90	35.5	-2.1	-2.3	227	5.5	-2.1	-2.5	3.4	6.4
Z <sub>d</sub>	20	51.0	0.0	0.1	90	58.3	-3.7	-0.8	193	7.3	-3.7	-0.9	3.9	8.3
	21	71.9	0.0	0.1	90	81.6	0.0	-1.1	270	9.7	0.0	-1.2	1.3	9.8
W <sub>d</sub>	22	92.8	0.0	0.0	0	92.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0

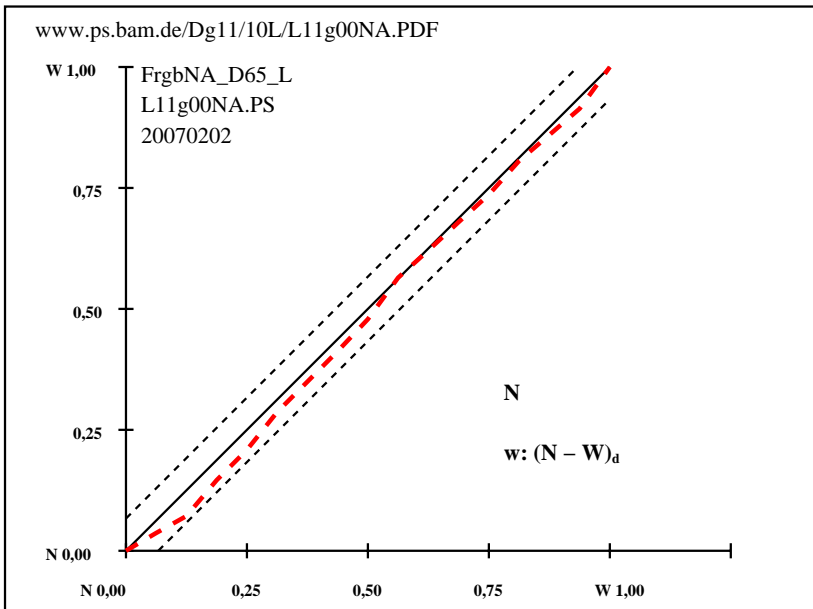
$\Delta L^* = 92.81 - 9.12$   
 $g^* = 42.5$   
 $f^* = 108.1$   
**w: (N - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 2.1$   
 $\Delta E^*_{CIELAB} = 6.3$   
 $\Delta H^*_{CIELAB} = 1.7$   
 $\Delta E^*_{CIELAB} = 4.9$   
 $R^*_{ab,m} = 72$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

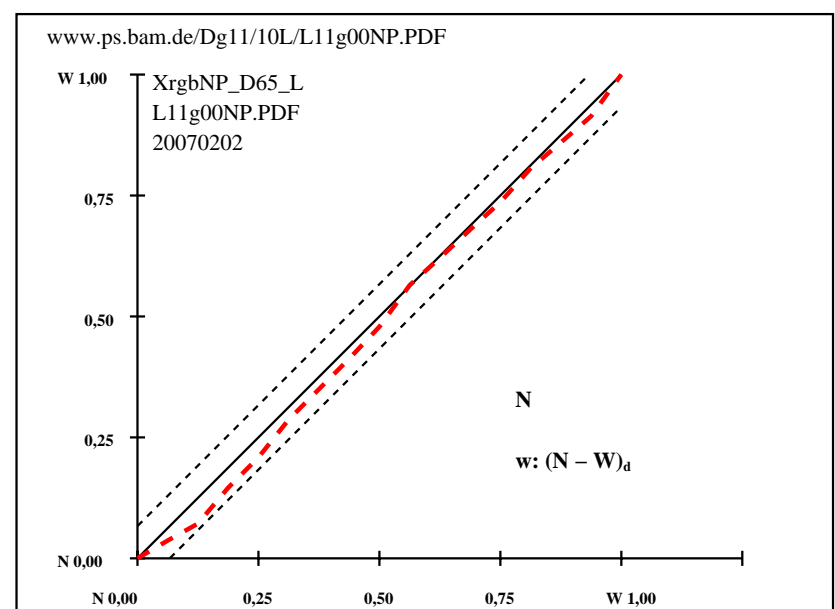
i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$							
N <sub>d</sub>	1	21.3	0.0	-0.1	243	21.3	0.0	-0.1	243	0.0	0.0	0.0	0.0	0.0
	2	25.9	0.0	-0.1	242	24.0	0.0	0.0	270	-1.8	0.1	0.1	0.1	1.9
	3	30.6	0.0	-0.1	240	26.6	0.0	0.0	0	-3.9	0.1	0.2	0.2	4.0
	4	35.2	0.0	-0.1	238	32.1	0.0	0.0	0	-3.0	0.1	0.2	0.2	3.1
	5	39.8	0.0	-0.1	236	36.8	0.0	0.1	90	-3.0	0.1	0.3	0.3	3.1
	6	44.5	0.0	0.0	234	42.6	0.0	0.0	270	-1.8	0.1	0.0	0.1	1.9
	7	49.1	0.0	0.0	231	47.2	0.0	0.0	0	-1.8	0.1	0.2	0.2	1.9
	8	53.8	0.0	0.0	228	51.9	0.0	0.1	90	-1.8	0.1	0.2	0.2	1.9
Z <sub>d</sub>	9	58.4	0.0	0.0	225	56.8	0.0	0.3	108	-1.5	0.0	0.4	0.4	1.6
	10	63.0	0.0	0.0	221	63.2	0.0	0.0	180	0.1	0.0	0.1	0.1	0.2
	11	67.7	0.0	0.0	217	67.4	0.0	0.0	0	-0.2	0.1	0.1	0.1	0.3
	12	72.3	0.0	0.0	212	71.7	0.0	0.3	90	-0.5	0.1	0.4	0.4	0.7
	13	77.0	0.0	0.0	207	75.9	0.0	0.1	90	-0.9	0.1	0.2	0.2	1.0
	14	81.6	0.0	0.0	201	81.1	0.0	0.1	90	-0.4	0.1	0.1	0.2	0.5
	15	86.2	0.0	0.0	194	85.1	0.0	0.1	90	-1.0	0.1	0.1	0.2	1.2
	16	90.9	0.0	0.0	187	89.1	0.0	0.0	0	-1.7	0.1	0.0	0.1	1.8
W <sub>d</sub>	17	95.5	0.0	0.0	180	95.5	0.0	0.0	180	0.0	0.0	0.0	0.0	0.0
N <sub>d</sub>	18	21.3	0.0	-0.1	243	21.3	0.0	-0.1	243	0.0	0.0	0.0	0.0	0.0
	19	39.8	0.0	-0.1	236	36.8	0.0	0.1	90	-3.0	0.1	0.3	0.3	3.1
Z <sub>d</sub>	20	58.4	0.0	0.0	225	56.8	0.0	0.3	108	-1.5	0.0	0.4	0.4	1.6
	21	77.0	0.0	0.0	207	75.9	0.0	0.1	90	-0.9	0.1	0.2	0.2	1.0
W <sub>d</sub>	22	95.5	0.0	0.0	180	95.5	0.0	0.0	180	0.0	0.0	0.0	0.0	0.0

$\Delta L^* = 95.51 - 21.27$   
 $g^* = 77.3$   
 $f^* = 95.9$   
**w: (N - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 0.2$   
 $\Delta E^*_{CIELAB} = 1.5$   
 $\Delta H^*_{CIELAB} = 0.2$   
 $\Delta E^*_{CIELAB} = 1.1$   
 $R^*_{ab,m} = 94$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202



T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$						
R <sub>d</sub>	1	36.2	60.8	44.5	36	36.2	60.8	44.5	36	0.0	0.0	0.0	0.0	0.0
	2	39.0	52.7	38.9	36	40.5	57.8	37.0	33	1.6	5.1	-1.8	5.5	5.7
	3	41.7	44.6	33.3	37	45.2	52.5	29.8	30	3.5	7.9	-3.4	8.7	9.3
	4	44.4	36.5	27.7	37	48.6	44.3	24.8	29	4.2	7.8	-2.8	8.4	9.3
	5	47.2	28.4	22.1	38	51.3	34.4	17.9	27	4.1	6.1	-4.1	7.4	8.4
	6	49.9	20.2	16.5	39	52.7	24.0	13.8	30	2.7	3.8	-2.6	4.6	5.4
	7	52.7	12.1	10.9	42	54.1	14.1	8.2	30	1.4	2.0	-2.6	3.3	3.6
	8	55.4	4.0	5.3	53	56.4	4.0	4.0	45	1.0	0.0	-1.2	1.3	1.6
Z <sub>d</sub>	9	58.2	-4.0	-0.2	184	58.2	-4.0	-0.2	184	0.0	0.0	0.0	0.0	0.0
	10	57.6	-7.1	-4.1	210	60.1	-10.4	-5.2	207	2.5	-3.2	-1.0	3.4	4.3
	11	57.1	-10.3	-8.1	218	61.7	-15.9	-10.1	213	4.6	-5.5	-1.9	6.0	7.6
	12	56.6	-13.4	-12.0	222	63.1	-20.3	-14.9	216	6.5	-6.8	-2.8	7.5	10.0
	13	56.0	-16.5	-15.9	224	63.6	-24.4	-19.3	218	7.6	-7.8	-3.3	8.6	11.4
	14	55.5	-19.6	-19.8	225	63.1	-27.7	-23.3	220	7.6	-8.0	-3.4	8.8	11.6
	15	55.0	-22.8	-23.8	226	61.6	-29.8	-26.8	222	6.6	-6.9	-2.9	7.7	10.1
	16	54.5	-25.9	-27.7	227	58.1	-29.5	-29.7	225	3.6	-3.5	-1.9	4.2	5.5
C <sub>d</sub>	17	53.9	-29.0	-31.6	227	53.9	-29.0	-31.6	227	0.0	0.0	0.0	0.0	0.0
R <sub>d</sub>	18	36.2	60.8	44.5	36	36.2	60.8	44.5	36	0.0	0.0	0.0	0.0	0.0
	19	47.2	28.4	22.1	38	51.3	34.4	17.9	27	4.1	6.1	-4.1	7.4	8.4
Z <sub>d</sub>	20	58.2	-4.0	-0.2	184	58.2	-4.0	-0.2	184	0.0	0.0	0.0	0.0	0.0
	21	56.0	-16.5	-15.9	224	63.6	-24.4	-19.3	218	7.6	-7.8	-3.3	8.6	11.4
C <sub>d</sub>	22	53.9	-29.0	-31.6	227	53.9	-29.0	-31.6	227	0.0	0.0	0.0	0.0	0.0

**g\* = 36.1**

**rgb: (R - Z - C)<sub>d</sub>**

$\Delta H^*_{CIELAB} = 5.0$

$\Delta E^*_{CIELAB} = 6.1$

$\Delta H^*_{CIELAB} = 3.2$

$\Delta E^*_{CIELAB} = 4.0$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$							
R <sub>d</sub>	1	46.3	60.2	39.9	34	46.3	60.2	39.9	34	0.0	0.0	0.0	0.0	0.0
	2	47.8	52.7	34.9	34	45.8	58.4	36.2	32	-1.9	5.7	1.3	5.9	6.2
	3	49.3	45.2	30.0	34	44.3	55.0	31.1	29	-5.0	9.8	1.1	9.9	11.1
	4	50.8	37.6	25.0	34	43.6	50.4	23.8	25	-7.2	12.8	-1.1	12.8	14.7
	5	52.3	30.1	20.0	34	44.6	43.7	18.6	23	-7.6	13.6	-1.3	13.7	15.7
	6	53.8	22.6	15.0	34	46.1	32.9	13.8	23	-7.6	10.3	-1.1	10.4	13.0
	7	55.3	15.1	10.0	34	49.6	19.9	9.5	26	-5.6	4.9	-0.4	4.9	7.5
	8	56.8	7.5	5.1	34	55.4	7.8	2.8	20	-1.3	0.3	-2.2	2.3	2.7
Z <sub>d</sub>	9	58.4	0.0	0.1	90	58.4	0.0	0.1	90	0.0	0.0	0.0	0.0	0.0
	10	57.3	-1.7	-6.5	255	57.3	-8.2	-8.0	224	0.1	-6.4	-1.4	6.7	6.7
	11	56.2	-3.4	-13.2	255	50.7	-15.3	-17.9	229	-5.4	-11.8	-4.6	12.8	13.9
	12	55.1	-5.2	-19.9	255	47.3	-19.9	-26.5	233	-7.7	-14.6	-6.5	16.1	17.9
	13	54.0	-7.0	-26.6	255	46.5	-22.0	-35.0	238	-7.4	-15.0	-8.3	17.2	18.8
	14	52.9	-8.7	-33.3	255	48.0	-23.4	-40.1	240	-4.8	-14.6	-6.7	16.2	16.9
	15	51.8	-10.5	-40.0	255	47.4	-20.5	-43.4	245	-4.4	-9.9	-3.3	10.6	11.5
	16	50.7	-12.2	-46.7	255	47.9	-20.1	-45.0	246	-2.7	-7.8	1.7	8.0	8.5
C <sub>d</sub>	17	49.6	-14.0	-53.4	255	49.6	-14.0	-53.4	255	0.0	0.0	0.0	0.0	0.0
R <sub>d</sub>	18	46.3	60.2	39.9	34	46.3	60.2	39.9	34	0.0	0.0	0.0	0.0	0.0
	19	52.3	30.1	20.0	34	44.6	43.7	18.6	23	-7.6	13.6	-1.3	13.7	15.7
Z <sub>d</sub>	20	58.4	0.0	0.1	90	58.4	0.0	0.1	90	0.0	0.0	0.0	0.0	0.0
	21	54.0	-7.0	-26.6	255	46.5	-22.0	-35.0	238	-7.4	-15.0	-8.3	17.2	18.8
C <sub>d</sub>	22	49.6	-14.0	-53.4	255	49.6	-14.0	-53.4	255	0.0	0.0	0.0	0.0	0.0

**g\* = 12.5**

**rgb: (R - Z - C)<sub>d</sub>**

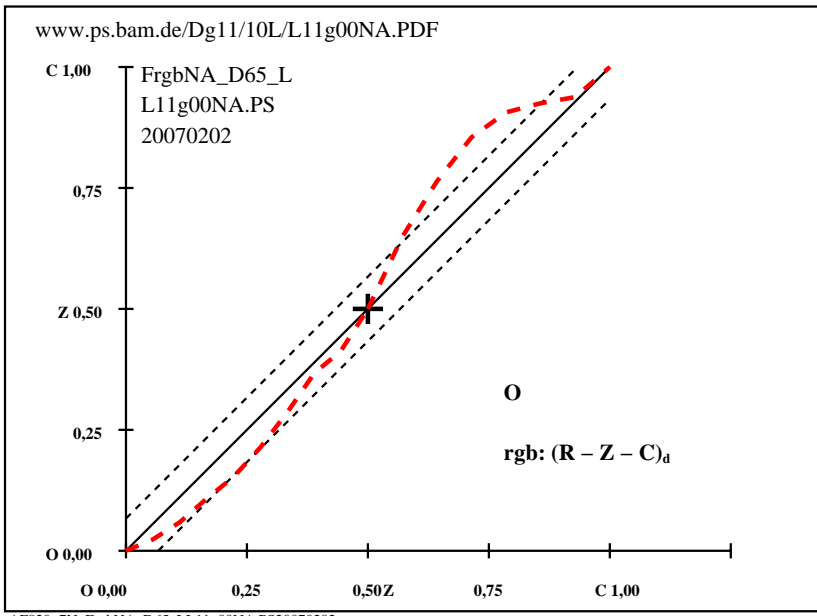
$\Delta H^*_{CIELAB} = 8.7$

$\Delta E^*_{CIELAB} = 9.7$

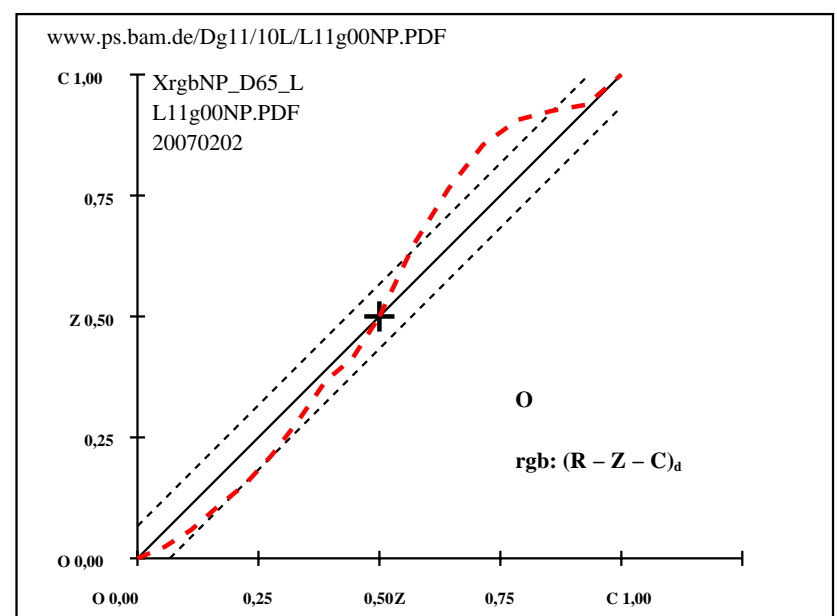
$\Delta H^*_{CIELAB} = 6.2$

$\Delta E^*_{CIELAB} = 6.9$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

entrada: rgb/cmy0/000n/w set...  
salida: ->rgb<sub>dd</sub> setrgbcolor

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$						
Y <sub>d</sub>	1	84.6	-3.8	110.3	92	84.6	-3.8	110.3	92	0.0	0.0	0.0	0.0	0.0
	2	81.3	-3.8	96.5	92	85.8	-5.7	98.3	93	4.5	-1.8	1.8	2.7	5.2
	3	78.1	-3.8	82.6	93	86.5	-7.6	85.7	95	8.4	-3.7	3.1	4.9	9.7
	4	74.8	-3.8	68.8	93	83.1	-8.8	71.0	97	8.3	-4.9	2.3	5.5	10.0
	5	71.5	-3.8	54.9	94	78.6	-9.8	54.5	100	7.1	-5.9	-0.3	6.1	9.3
	6	68.2	-3.7	41.1	95	73.4	-10.4	41.2	104	5.2	-6.6	0.1	6.7	8.5
	7	65.0	-3.7	27.2	98	68.5	-10.0	26.6	111	3.5	-6.2	-0.5	6.3	7.2
	8	61.7	-3.7	13.3	106	63.3	-7.9	12.7	122	1.6	-4.1	-0.5	4.2	4.5
Z <sub>d</sub>	9	58.4	-3.7	-0.4	187	58.4	-3.7	-0.4	187	0.0	0.0	0.0	0.0	0.0
	10	52.9	3.2	-7.9	292	53.3	1.9	-13.0	278	0.3	-1.2	-5.0	5.3	5.3
	11	47.4	10.2	-15.4	303	48.4	9.6	-25.1	291	1.0	-0.5	-9.7	9.8	9.8
	12	41.9	17.2	-22.8	307	43.6	16.9	-35.1	296	1.7	-0.2	-12.2	12.3	12.4
	13	36.4	24.2	-30.3	309	38.5	24.2	-43.6	299	2.2	0.0	-13.2	13.3	13.5
	14	30.9	31.2	-37.8	309	32.5	31.8	-50.7	302	1.6	0.6	-12.8	12.9	13.0
	15	25.3	38.2	-45.3	310	26.2	39.7	-56.1	305	0.9	1.5	-10.8	11.0	11.0
	16	19.8	45.2	-52.7	311	19.8	47.1	-59.4	308	0.0	1.9	-6.6	6.9	6.9
B <sub>d</sub>	17	14.3	52.2	-60.2	311	14.3	52.2	-60.2	311	0.0	0.0	0.0	0.0	0.0
Y <sub>d</sub>	18	84.6	-3.8	110.3	92	84.6	-3.8	110.3	92	0.0	0.0	0.0	0.0	0.0
	19	71.5	-3.8	54.9	94	78.6	-9.8	54.5	100	7.1	-5.9	-0.3	6.1	9.3
Z <sub>d</sub>	20	58.4	-3.7	-0.4	187	58.4	-3.7	-0.4	187	0.0	0.0	0.0	0.0	0.0
	21	36.4	24.2	-30.3	309	38.5	24.2	-43.6	299	2.2	0.0	-13.2	13.3	13.5
B <sub>d</sub>	22	14.3	52.2	-60.2	311	14.3	52.2	-60.2	311	0.0	0.0	0.0	0.0	0.0

**g\* = 24.8**

**rgb: (Y - Z - V)<sub>d</sub>**

**$\Delta H^*$ \*CIELAB = 6.3**

**$\Delta E^*$ \*CIELAB = 7.4**

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$							
Y <sub>d</sub>	1	90.8	-16.9	112.2	99	90.8	-16.9	112.2	99	0.0	0.0	0.0	0.0	0.0
	2	86.7	-14.8	98.2	99	84.3	-15.2	101.7	99	-2.2	-0.3	3.5	3.6	4.3
	3	82.5	-12.7	84.1	99	81.2	-15.2	94.4	99	-1.2	-2.5	10.3	10.6	10.6
	4	78.3	-10.5	70.1	99	78.4	-14.6	84.6	100	0.0	-4.0	14.5	15.0	15.0
	5	74.2	-8.4	56.1	99	75.0	-13.7	70.5	101	0.8	-5.2	14.4	15.3	15.4
	6	70.0	-6.3	42.1	99	72.2	-11.7	52.0	103	2.2	-5.3	9.9	11.3	11.5
	7	65.9	-4.2	28.1	99	68.1	-9.2	34.7	105	2.2	-5.0	6.6	8.4	8.6
	8	61.7	-2.0	14.0	99	65.1	-5.6	18.7	107	3.4	-3.5	4.7	5.9	6.8
Z <sub>d</sub>	9	57.6	0.0	0.0	0	57.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	10	55.1	0.2	-6.1	272	53.9	-0.1	-13.2	269	-1.1	-0.3	-7.0	7.1	7.2
	11	52.7	0.4	-12.3	272	49.2	-1.6	-23.5	266	-3.4	-2.0	-11.1	11.4	11.9
	12	50.3	0.6	-18.5	272	42.6	-0.2	-33.5	269	-7.6	-0.8	-14.9	15.0	16.9
	13	47.9	0.8	-24.7	272	36.8	2.9	-41.4	274	-11.0	2.1	-16.6	16.8	20.2
	14	45.5	1.0	-30.9	272	34.5	5.3	-45.8	277	-10.9	4.3	-14.8	15.5	19.0
	15	43.1	1.2	-37.1	272	35.2	5.7	-48.2	277	-7.8	4.5	-11.0	12.0	14.3
	16	40.6	1.4	-43.3	272	36.5	4.2	-48.7	275	-4.1	2.8	-5.3	6.1	7.4
B <sub>d</sub>	17	38.2	1.6	-49.5	272	38.2	1.6	-49.5	272	0.0	0.0	0.0	0.0	0.0
Y <sub>d</sub>	18	90.8	-16.9	112.2	99	90.8	-16.9	112.2	99	0.0	0.0	0.0	0.0	0.0
	19	74.2	-8.4	56.1	99	75.0	-13.7	70.5	101	0.8	-5.2	14.4	15.3	15.4
Z <sub>d</sub>	20	57.6	0.0	0.0	0	57.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	21	47.9	0.8	-24.7	272	36.8	2.9	-41.4	274	-11.0	2.1	-16.6	16.8	20.2
B <sub>d</sub>	22	38.2	1.6	-49.5	272	38.2	1.6	-49.5	272	0.0	0.0	0.0	0.0	0.0

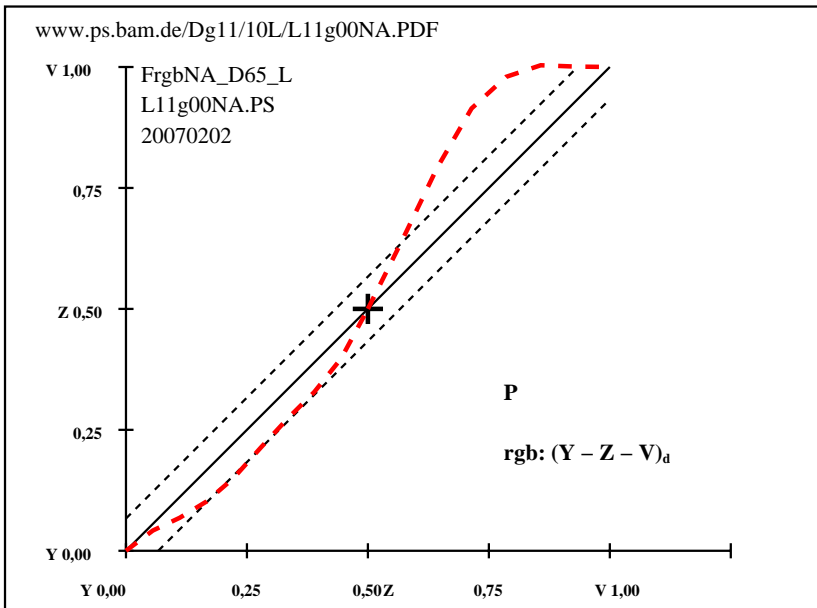
**g\* = 6.9**

**rgb: (Y - Z - V)<sub>d</sub>**

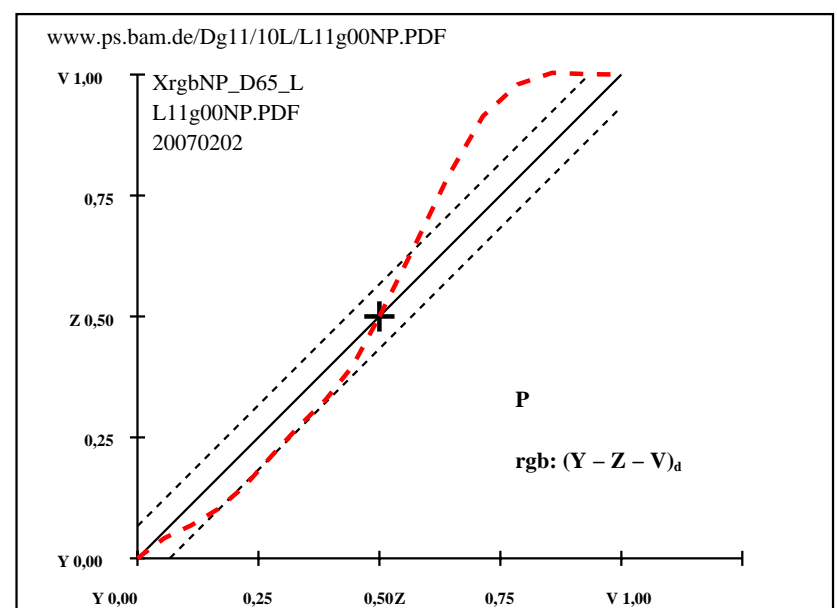
**$\Delta H^*$ \*CIELAB = 9.1**

**$\Delta E^*$ \*CIELAB = 10.0**

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82L0NA.PDF> / .PS; comience salida, página 16/24  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /.PS  
aplicación para la medida de display output

TUB material: code=rh4ta

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$	$\Delta E^*$
G <sub>d</sub>	1	44.9-61.5	49.0 141	44.9-61.5	49.0 141	0.0	0.0	0.0	0.0
	2	46.6-54.3	42.8 142	49.7-59.8	45.3 143	3.0	-5.4	2.5	6.0
	3	48.3-47.1	36.6 142	54.3-56.7	40.4 145	5.9	-9.5	3.8	10.3
	4	50.0-39.9	30.4 143	57.3-51.4	35.8 145	7.3	-11.4	5.4	12.7
	5	51.8-32.7	24.3 144	59.6-43.8	29.2 146	7.8	-11.0	5.0	12.2
	6	53.5-25.5	18.1 145	60.3-35.8	24.2 146	6.8	-10.2	6.1	12.0
	7	55.2-18.3	11.9 147	60.3-26.4	16.3 148	5.1	-8.0	4.4	9.2
	8	56.9-11.1	5.7 153	59.7-15.7	8.1 153	2.8	-4.5	2.4	5.2
Z <sub>d</sub>	9	58.6	-3.9 -0.4	187	58.6	-3.9 -0.4	187	0.0	0.0
	10	56.1	6.5 -4.7	324	57.3	9.3 -9.2	315	1.2	2.8
	11	53.5	16.9 -8.9	332	55.7	23.8 -17.3	324	2.1	6.9
	12	51.0	27.4 -13.2	334	54.5	37.0 -23.7	327	3.4	9.6
	13	48.5	37.9 -17.4	335	53.1	49.6 -28.3	330	4.6	11.8
	14	46.0	48.3 -21.7	336	50.9	60.9 -31.6	333	4.9	12.6
	15	43.5	58.8 -25.9	336	47.7	70.0 -33.8	334	4.2	11.2
	16	41.0	69.2 -30.2	336	43.0	76.2 -35.0	335	2.0	7.0
M <sub>d</sub>	17	38.5	79.7 -34.4	337	38.5	79.7 -34.4	337	0.0	0.0
G <sub>d</sub>	18	44.9-61.5	49.0 141	44.9-61.5	49.0 141	0.0	0.0	0.0	0.0
	19	51.8-32.7	24.3 144	59.6-43.8	29.2 146	7.8	-11.0	5.0	12.2
Z <sub>d</sub>	20	58.6	-3.9 -0.4	187	58.6	-3.9 -0.4	187	0.0	0.0
	21	48.5	37.9 -17.4	335	53.1	49.6 -28.3	330	4.6	11.8
M <sub>d</sub>	22	38.5	79.7 -34.4	337	38.5	79.7 -34.4	337	0.0	0.0

**g\* = 6.8**

**rgb: (G - Z - M)<sub>d</sub>**

$\Delta H^*_{CIELAB} = 9.0$

$\Delta E^*_{CIELAB} = 9.8$

$\Delta H^*_{CIELAB} = 5.6$

$\Delta E^*_{CIELAB} = 6.2$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out/c-ref	$\Delta H^*$	$\Delta E^*$
G <sub>d</sub>	1	47.5-66.6	39.0 150	47.5-66.6	39.0 150	0.0	0.0
	2	48.8-58.3	34.1 150	47.8-65.5	38.7 149	-0.9	-7.1
	3	50.1-49.9	29.3 150	47.5-66.1	38.0 150	-2.5	-16.1
	4	51.4-41.6	24.4 150	48.0-65.8	38.5 150	-3.3	-24.1
	5	52.7-33.3	19.6 150	48.9-58.8	35.8 149	-3.7	-25.5
	6	54.0-24.9	14.7 150	50.7-47.1	27.3 150	-3.2	-22.1
	7	55.3-16.6	9.8 149	53.9-31.5	18.3 150	-1.3	-14.8
	8	56.6-8.2	5.0 149	58.0-15.1	13.8 138	1.4	-6.8
Z <sub>d</sub>	9	57.9	0.0 0.1	90	57.9	0.0 0.1	90
	10	56.4	8.9 -0.5	356	51.9	9.7 -10.6	312
	11	54.9	17.9 -1.3	356	45.7	24.8 -17.1	325
	12	53.4	26.8 -2.0	355	42.7	37.7 -19.1	333
	13	51.9	35.8 -2.8	355	41.0	50.6 -17.3	341
	14	50.4	44.7 -3.5	355	41.4	59.2 -14.0	347
	15	48.9	53.6 -4.2	355	43.7	66.0 -11.3	350
	16	47.4	62.6 -5.0	355	44.0	68.3 -8.5	353
M <sub>d</sub>	17	45.9	71.5 -5.7	355	45.9	71.5 -5.7	355
G <sub>d</sub>	18	47.5-66.6	39.0 150	47.5-66.6	39.0 150	0.0	0.0
	19	52.7-33.3	19.6 150	48.9-58.8	35.8 149	-3.7	-25.5
Z <sub>d</sub>	20	57.9	0.0 0.1	90	57.9	0.0 0.1	90
	21	51.9	35.8 -2.8	355	41.0	50.6 -17.3	341
M <sub>d</sub>	22	45.9	71.5 -5.7	355	45.9	71.5 -5.7	355

**g\* = 8.5**

**rgb: (G - Z - M)<sub>d</sub>**

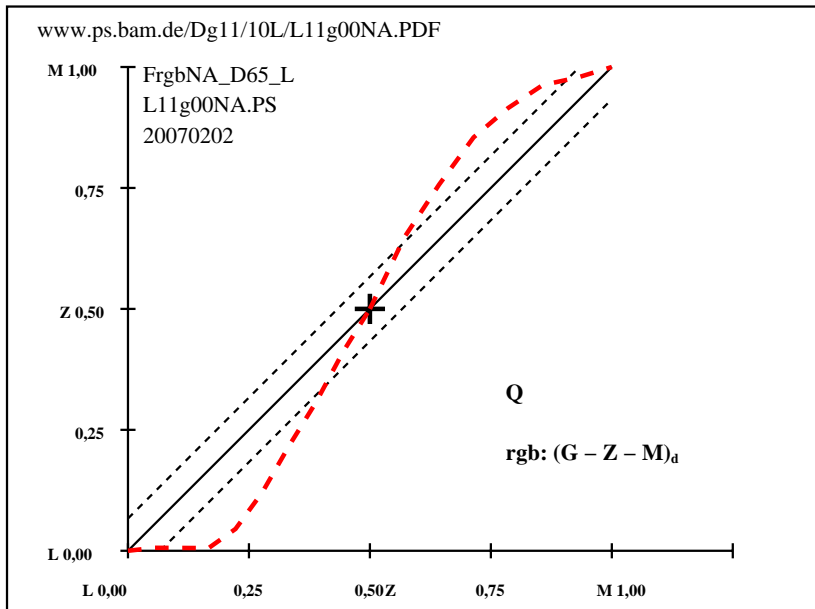
$\Delta H^*_{CIELAB} = 14.5$

$\Delta E^*_{CIELAB} = 15.3$

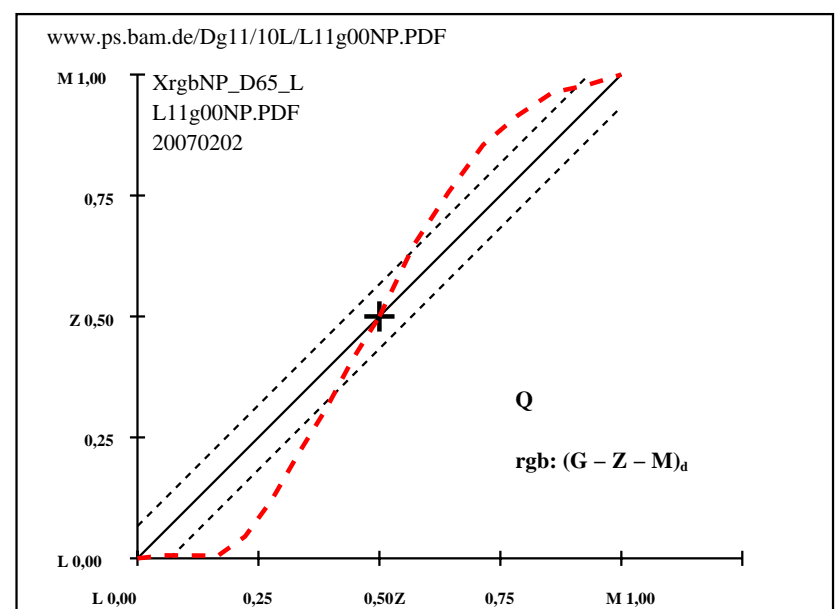
$\Delta H^*_{CIELAB} = 10.2$

$\Delta E^*_{CIELAB} = 10.8$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82L0NP.PDF> /PS  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /PS  
aplicación para la medida de display output  
TUB material: code=rh4ta

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out-ref	ΔH* ΔE*
R	1	36.4	64.1	29.9	25	36.6 60.6 43.8 36	0.2 -3.4 13.9 14.3 14.3
	2	39.7	55.6	49.6	42	80.1 2.0 103.6 89	40.4 -53.5 54.0 76.1 86.1
	3	51.3	40.1	65.4	59	68.2 18.3 86.4 78	16.8 -21.7 21.0 30.3 34.6
	4	64.7	22.0	83.7	75	53.2 39.5 66.1 59	-11.4 17.5 -17.5 24.8 27.3
J	5	84.0	-3.7	109.8	92	84.4 -3.9 110.0 92	0.4 -0.1 0.2 0.2 0.4
	6	66.6	-29.3	83.2	109	80.3 -12.7 104.2 97	13.7 16.6 21.0 26.8 30.1
	7	53.8	-47.7	63.5	127	68.5 -33.4 85.6 111	14.7 14.3 22.1 26.4 30.2
	8	44.8	-59.1	42.3	145	57.9 -48.4 69.3 125	13.1 10.7 27.0 29.1 31.9
G	9	48.0	-48.3	15.7	162	44.2 -61.5 48.9 142	-3.7 -13.1 33.2 35.7 35.9
	10	50.7	-39.2	-6.5	190	50.6 -48.4 -3.7 184	0.0 -9.1 2.8 9.6 9.6
C'	11	52.8	-32.0	-24.1	217	53.9 -29.1 -31.5 227	1.1 2.9 -7.3 8.0 8.0
	12	48.0	-17.0	-35.8	245	43.5 -6.9 -41.4 260	-4.4 10.1 -5.5 11.6 12.4
B	13	38.9	1.5	-42.4	272	14.2 52.2 -60.3 311	-24.6 50.7 -17.8 53.8 59.2
	14	24.7	30.9	-52.9	300	27.8 65.1 -48.7 323	3.2 34.2 4.2 34.4 34.6
M'	15	30.9	70.3	-43.0	329	38.7 79.5 -34.4 337	7.8 9.2 8.6 12.6 14.8
	16	37.6	72.0	-4.0	357	37.6 71.9 -15.5 348	0.0 0.0 -11.4 11.5 11.5
R	17	36.4	64.1	29.9	25	35.8 61.1 45.0 36	-0.5 -2.9 15.1 15.4 15.4
R	18	36.4	64.1	29.9	25	36.6 60.6 43.8 36	0.2 -3.4 13.9 14.3 14.3
J	19	84.0	-3.7	109.8	92	84.4 -3.9 110.0 92	0.4 -0.1 0.2 0.2 0.4
G	20	48.0	-48.3	15.7	162	44.2 -61.5 48.9 142	-3.7 -13.1 33.2 35.7 35.9
B	21	38.9	1.5	-42.4	272	14.2 52.2 -60.3 311	-24.6 50.7 -17.8 53.8 59.2
R	22	36.4	64.1	29.9	25	35.8 61.1 45.0 36	-0.5 -2.9 15.1 15.4 15.4

rgb: (R-J-G-B-R)<sub>d</sub>

ΔH\*<sup>CIELAB</sup> = 23.8  
ΔE\*<sup>CIELAB</sup> = 26.9

ΔH\*<sup>CIELAB</sup> = 20.8  
ΔE\*<sup>CIELAB</sup> = 25.1

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

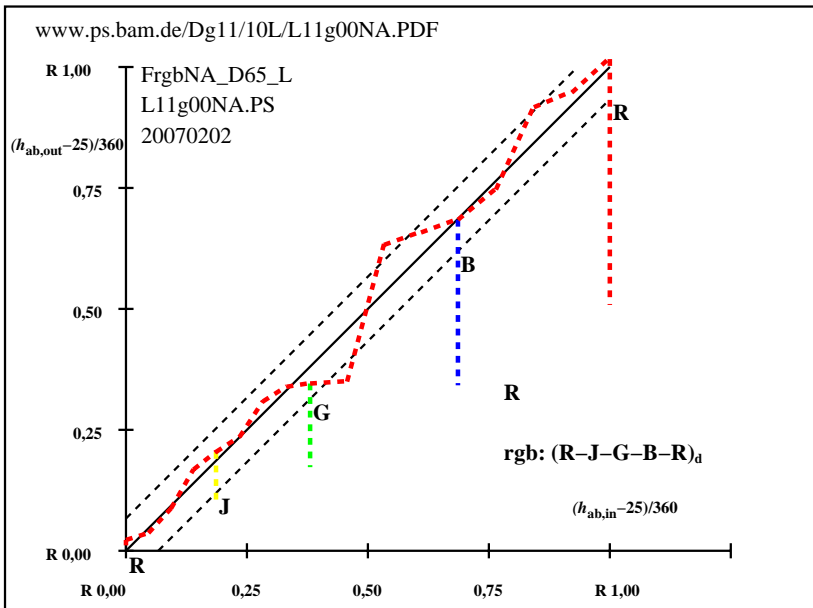
T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out-ref	ΔH* ΔE*
R	1	46.3	62.7	29.2	25	46.2 60.2 39.2 33	0.0 -2.4 10.0 10.3 10.3
	2	50.5	52.8	47.1	42	47.0 58.3 45.9 38	-3.4 5.5 -1.1 5.6 6.6
	3	59.3	37.6	61.3	58	56.4 41.7 62.8 56	-2.8 4.1 1.5 4.4 5.2
	4	69.2	20.4	77.4	75	75.9 7.2 90.6 85	6.7 -13.1 13.2 18.6 19.8
J	5	83.1	-3.4	99.8	92	90.8 -16.8 112.4 99	7.7 -13.3 12.6 18.4 20.0
	6	77.6	-31.8	90.0	110	76.6 -31.4 88.0 110	-0.9 0.4 -1.9 2.0 2.2
	7	62.6	-48.6	64.6	127	55.6 -54.4 52.3 136	-6.9 -5.7 -12.2 13.6 15.3
	8	50.5	-62.0	44.3	145	48.6 -63.3 41.1 147	-1.8 -1.2 -3.1 3.5 3.9
G	9	46.8	-57.2	18.6	162	47.3 -65.0 38.4 149	0.6 -7.7 19.8 21.3 21.3
	10	48.4	-42.2	-7.0	190	48.2 -64.4 35.9 151	0.0 -22.1 43.0 48.4 48.4
C'	11	49.4	-32.2	-24.2	217	52.1 -16.3 -52.3 253	2.6 15.9 -28.0 32.3 32.4
	12	50.6	-20.8	-43.7	245	46.0 -7.1 -50.1 262	-4.5 13.7 -6.3 15.1 15.8
B	13	38.4	1.7	-49.1	272	39.2 1.1 -49.2 271	0.7 -0.5 0.0 0.6 1.0
	14	40.5	21.6	-36.9	300	33.5 19.1 -43.3 294	-6.9 -2.4 -6.3 6.8 9.8
M'	15	42.7	41.0	-25.0	329	46.2 71.5 -6.1 355	3.5 30.5 18.9 35.9 36.1
	16	46.1	70.7	-3.9	357	46.0 67.5 7.0 6	0.0 -3.1 11.0 11.5 11.5
R	17	46.3	62.7	29.2	25	46.2 60.8 36.4 31	0.0 -1.8 7.2 7.4 7.4
R	18	46.3	62.7	29.2	25	46.2 60.2 39.2 33	0.0 -2.4 10.0 10.3 10.3
J	19	83.1	-3.4	99.8	92	90.8 -16.8 112.4 99	7.7 -13.3 12.6 18.4 20.0
G	20	46.8	-57.2	18.6	162	47.3 -65.0 38.4 149	0.6 -7.7 19.8 21.3 21.3
B	21	38.4	1.7	-49.1	272	39.2 1.1 -49.2 271	0.7 -0.5 0.0 0.6 1.0
R	22	46.3	62.7	29.2	25	46.2 60.8 36.4 31	0.0 -1.8 7.2 7.4 7.4

rgb: (R-J-G-B-R)<sub>d</sub>

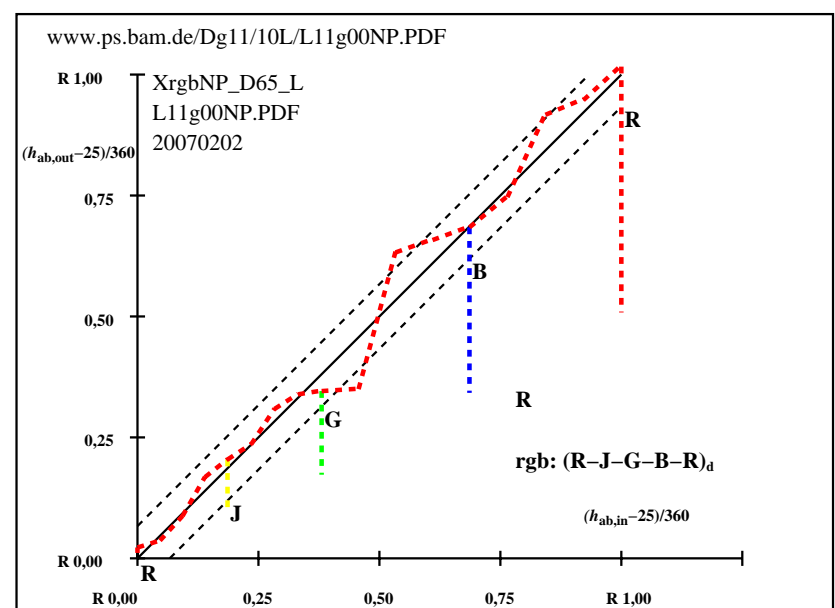
ΔH\*<sup>CIELAB</sup> = 14.6  
ΔE\*<sup>CIELAB</sup> = 15.7

ΔH\*<sup>CIELAB</sup> = 10.1  
ΔE\*<sup>CIELAB</sup> = 12.0

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out-ref	ΔH* ΔE*
R	1	22.5 32.1 14.9 25	24.2 35.8 24.5 34	1.7 3.7 9.6 10.3 10.4			
	2	24.2 27.8 24.8 42	47.6 -2.3 55.8 92	23.4 -30.1 31.0 43.3 49.2			
	3	30.0 20.0 32.7 59	40.4 9.2 45.9 79	10.4 -10.7 13.2 17.1 20.0			
	4	36.7 11.0 41.8 75	31.9 23.1 34.8 56	-4.7 12.1 -6.9 14.0 14.8			
J	5	46.3 -1.8 54.9 92	54.9 -14.0 66.1 102	8.6 -12.1 11.2 16.5 18.6			
	6	37.6 -14.6 41.6 109	50.9 -23.6 59.8 112	13.3 -8.9 18.2 20.3 24.3			
	7	31.2 -23.8 31.7 127	46.5 -32.8 53.0 122	15.3 -8.9 21.3 23.1 27.7			
	8	26.7 -29.5 21.1 145	41.8 -42.0 45.4 133	15.1 -12.4 24.3 27.3 31.2			
G	9	28.3 -24.1 7.9 162	36.2 -49.6 37.9 143	7.9 -25.4 30.0 39.4 40.2			
	10	29.7 -19.5 -3.2 190	38.9 -41.3 5.4 173	9.2 -21.7 8.7 23.4 25.2			
C'	11	30.7 -15.9 -12.0 217	40.8 -28.6 -15.6 209	10.1 -12.6 -3.5 13.2 16.6			
	12	28.3 -8.5 -17.9 245	28.3 -1.5 -29.7 267	0.0 7.0 -11.7 13.7 13.7			
B	13	23.8 0.7 -21.2 272	11.9 34.7 -43.9 308	-11.8 34.0 -22.6 40.9 42.6			
	14	16.7 15.5 -26.4 300	18.8 42.6 -38.8 318	2.1 27.1 -12.3 29.8 29.9			
M'	15	19.8 35.2 -21.4 329	26.0 52.6 -29.9 330	6.3 17.4 -8.4 19.4 20.4			
	16	23.1 36.0 -1.9 357	24.5 43.6 -10.0 347	1.3 7.6 -8.0 11.1 11.1			
	17	22.5 32.1 14.9 25	23.0 35.3 23.8 34	0.4 3.2 8.9 9.4 9.4			
	18	22.5 32.1 14.9 25	24.2 35.8 24.5 34	1.7 3.7 9.6 10.3 10.4			
	19	46.3 -1.8 54.9 92	54.9 -14.0 66.1 102	8.6 -12.1 11.2 16.5 18.6			
	20	28.3 -24.1 7.9 162	36.2 -49.6 37.9 143	7.9 -25.4 30.0 39.4 40.2			
B	21	23.8 0.7 -21.2 272	11.9 34.7 -43.9 308	-11.8 34.0 -22.6 40.9 42.6			
R	22	22.5 32.1 14.9 25	23.0 35.3 23.8 34	0.4 3.2 8.9 9.4 9.4			

rgb: ((R-J-G-B-R)n)<sub>d</sub>

ΔH\*<sub>CIELAB</sub> = 21.3  
ΔE\*<sub>CIELAB</sub> = 23.8

ΔH\*<sub>CIELAB</sub> = 21.4  
ΔE\*<sub>CIELAB</sub> = 24.2

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

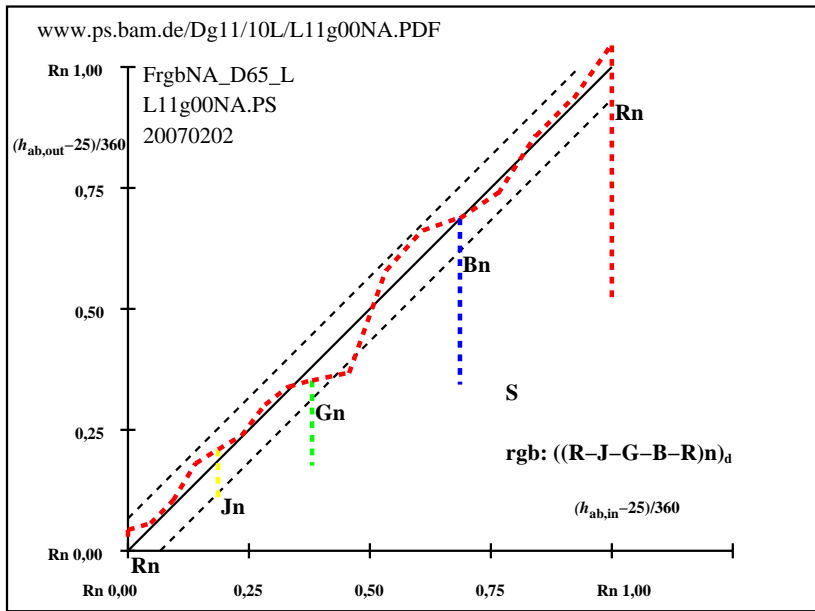
T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out-ref	ΔH* ΔE*
R	1	34.0 31.3 14.6 25	35.8 34.4 29.4 41	1.9 3.1 14.8 15.1 15.2			
	2	36.1 26.4 23.6 42	36.9 30.7 31.1 45	0.8 4.3 7.5 8.7 8.7			
	3	40.5 18.8 30.7 58	41.3 20.1 38.2 62	0.8 1.3 7.5 7.6 7.7			
	4	45.5 10.2 38.7 75	51.7 0.1 54.2 90	6.2 -10.0 15.5 18.5 19.5			
J	5	52.4 -1.6 49.9 92	59.6 -11.9 66.0 100	7.3 -10.2 16.1 19.1 20.4			
	6	49.6 -15.8 45.0 110	55.0 -21.3 57.0 111	5.4 -5.4 12.0 13.2 14.2			
	7	42.1 -24.2 32.3 127	45.6 -37.7 39.7 134	3.5 -13.4 7.4 15.4 15.7			
	8	36.1 -31.0 22.2 145	40.7 -47.2 30.7 147	4.6 -16.1 8.5 18.3 18.9			
G	9	34.2 -28.5 9.3 162	38.5 -49.9 26.9 152	4.2 -21.3 17.6 27.7 28.0			
	10	35.0 -21.1 -3.4 190	33.8 -38.0 16.0 157	-1.1 -16.8 19.5 25.9 25.9			
C'	11	35.5 -16.0 -12.1 217	37.0 -19.8 -26.7 233	1.4 -3.7 -14.5 15.1 15.2			
	12	36.1 -10.4 -21.8 245	32.2 -4.0 -35.3 263	-3.9 6.4 -13.4 14.9 15.4			
B	13	30.0 0.9 -24.5 272	28.4 1.4 -34.1 272	-1.5 0.5 -9.5 9.6 9.8			
	14	31.1 10.8 -18.4 300	26.0 15.0 -40.0 291	-4.9 4.2 -21.5 22.0 22.6			
M'	15	32.2 20.5 -12.4 329	30.4 41.8 -20.6 334	-1.7 21.3 -8.1 22.8 22.9			
	16	33.9 35.4 -1.9 357	31.8 40.2 1.2 2	-2.0 4.8 3.2 5.8 6.2			
	17	34.0 31.3 14.6 25	36.1 34.0 29.6 41	2.2 2.7 15.0 15.2 15.4			
	18	34.0 31.3 14.6 25	35.8 34.4 29.4 41	1.9 3.1 14.8 15.1 15.2			
	19	52.4 -1.6 49.9 92	59.6 -11.9 66.0 100	7.3 -10.2 16.1 19.1 20.4			
	20	34.2 -28.5 9.3 162	38.5 -49.9 26.9 152	4.2 -21.3 17.6 27.7 28.0			
B	21	30.0 0.9 -24.5 272	28.4 1.4 -34.1 272	-1.5 0.5 -9.5 9.6 9.8			
R	22	34.0 31.3 14.6 25	36.1 34.0 29.6 41	2.2 2.7 15.0 15.2 15.4			

rgb: ((R-J-G-B-R)n)<sub>d</sub>

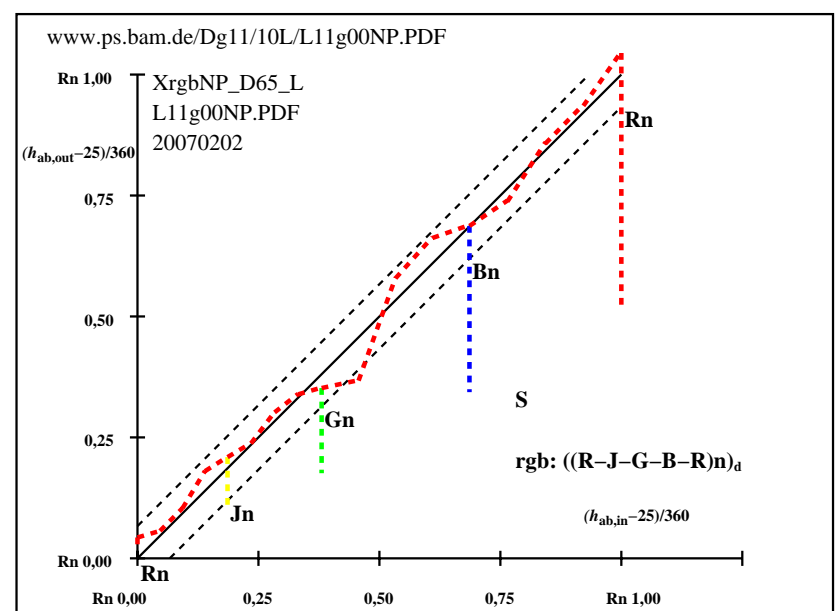
ΔH\*<sub>CIELAB</sub> = 15.3  
ΔE\*<sub>CIELAB</sub> = 16.6

ΔH\*<sub>CIELAB</sub> = 14.3  
ΔE\*<sub>CIELAB</sub> = 17.6

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out-ref	ΔH* ΔE*
R	1	64.5	32.1	14.9	25	70.6	25.0 11.9 25 6.0 -7.0 -2.9 7.7 9.8
	2	66.2	27.8	24.8	42	90.4	-7.3 39.2 101 24.2 -35.1 14.4 38.0 45.1
	3	72.0	20.0	32.7	59	84.4	2.3 30.8 86 12.4 -17.6 -1.8 17.8 21.7
	4	78.7	11.0	41.8	75	77.7	13.1 22.0 59 -0.9 2.1 -19.7 19.9 20.0
J	5	88.3	-1.8	54.9	92	90.4	-7.8 39.8 101 2.1 -5.9 -15.0 16.3 16.4
	6	79.6	-14.6	41.6	109	90.1	-8.4 39.7 102 10.4 6.2 -1.8 6.5 12.3
	7	73.2	-23.8	31.7	127	86.2	-16.9 34.7 116 13.0 6.9 3.0 7.5 15.0
	8	68.7	-29.5	21.1	145	80.7	-26.3 28.0 133 12.0 3.2 6.9 7.6 14.2
G	9	70.3	-24.1	7.9	162	74.9	-33.7 21.4 148 4.6 -9.5 13.5 16.6 17.2
	10	71.7	-19.5	-3.2	190	77.6	-25.1 -5.3 192 5.9 -5.5 -2.0 5.9 8.4
C'	11	72.7	-15.9	-12.0	217	78.5	-20.5 -15.4 217 5.8 -4.5 -3.3 5.7 8.1
	12	70.3	-8.5	-17.9	245	73.2	-10.3 -21.1 244 2.9 -1.7 -3.1 3.7 4.7
B	13	65.8	0.7	-21.2	272	60.3	13.5 -32.8 292 -5.4 12.8 -11.5 17.3 18.1
	14	58.6	15.5	-26.4	300	68.1	29.4 -25.1 319 9.4 13.9 1.3 14.0 16.9
M'	15	61.8	35.2	-21.4	329	71.2	37.2 -21.4 330 9.5 2.0 0.0 2.0 9.7
	16	65.1	36.0	-1.9	357	70.5	33.8 -12.7 339 5.3 -2.1 -10.7 11.0 12.2
R	17	64.5	32.1	14.9	25	69.4	26.3 12.6 26 4.9 -5.7 -2.2 6.2 7.9
	18	64.5	32.1	14.9	25	70.6	25.0 11.9 25 6.0 -7.0 -2.9 7.7 9.8
J	19	88.3	-1.8	54.9	92	90.4	-7.8 39.8 101 2.1 -5.9 -15.0 16.3 16.4
G	20	70.3	-24.1	7.9	162	74.9	-33.7 21.4 148 4.6 -9.5 13.5 16.6 17.2
B	21	65.8	0.7	-21.2	272	60.3	13.5 -32.8 292 -5.4 12.8 -11.5 17.3 18.1
R	22	64.5	32.1	14.9	25	69.4	26.3 12.6 26 4.9 -5.7 -2.2 6.2 7.9

rgb: ((R-J-G-B-R)w)<sub>d</sub>

ΔH\*<sub>CIELAB</sub> = 11.6  
ΔE\*<sub>CIELAB</sub> = 15.2

ΔH\*<sub>CIELAB</sub> = 11.6  
ΔE\*<sub>CIELAB</sub> = 13.5

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

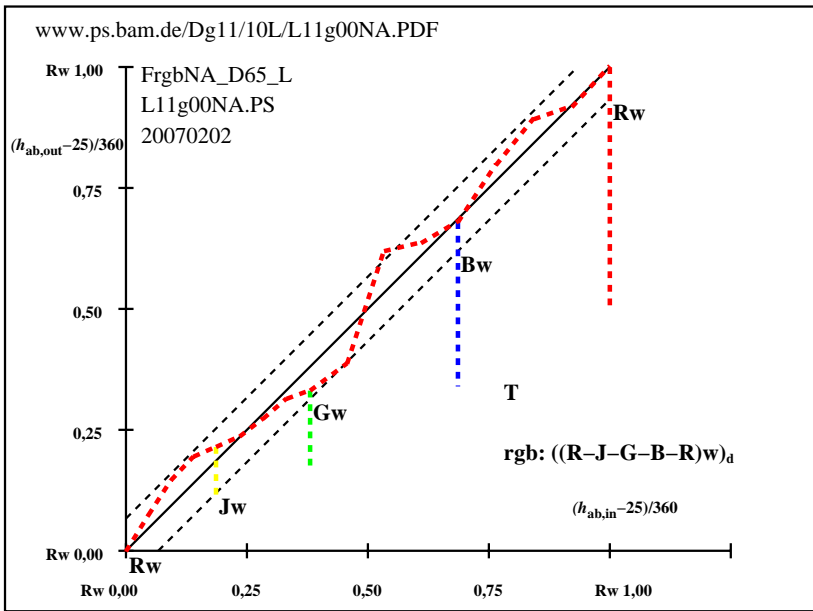
T	i	LAB*a.ref	hab.ref	LAB*a.out	hab.out	LAB*a.out-ref	ΔH* ΔE*
R	1	70.9	31.3	14.6	25	61.7	40.1 18.3 25 -9.1 8.8 3.7 9.5 13.2
	2	73.0	26.4	23.6	42	70.5	23.3 29.4 52 -2.4 -3.0 5.8 6.6 7.1
	3	77.4	18.8	30.7	58	78.0	9.4 42.3 77 0.6 -9.3 11.6 14.9 15.0
	4	82.4	10.2	38.7	75	86.6	-4.7 54.9 95 4.2 -14.9 16.2 22.1 22.5
J	5	89.3	-1.6	49.9	92	92.1	-16.1 74.7 102 2.9 -14.4 24.8 28.7 28.9
	6	86.5	-15.8	45.0	110	84.8	-23.4 64.8 110 -1.6 -7.5 19.8 21.2 21.3
	7	79.0	-24.2	32.3	127	72.7	-34.2 52.4 123 -6.2 -9.9 20.1 22.4 23.3
	8	73.0	-31.0	22.2	145	61.7	-46.1 41.5 138 -11.2 -15.0 19.3 24.6 27.0
G	9	71.1	-28.5	9.3	162	56.1	-53.3 38.6 144 -14.9 -24.7 29.3 38.4 41.2
	10	71.9	-21.1	-3.4	190	59.5	-43.4 12.4 164 -12.3 -22.2 15.9 27.5 30.1
C'	11	72.4	-16.0	-12.1	217	60.8	-15.7 -38.9 248 -11.5 0.3 -26.7 26.8 29.3
	12	73.0	-10.4	-21.8	245	62.9	-8.2 -28.6 254 -10.0 2.2 -6.7 7.1 12.4
B	13	66.9	0.9	-24.5	272	58.8	-0.2 -35.4 270 -8.0 -1.1 -10.8 11.0 13.7
	14	68.0	10.8	-18.4	300	54.8	23.8 -26.4 312 -13.1 13.0 -7.9 15.3 20.2
M'	15	69.1	20.5	-12.4	329	61.0	47.4 -11.6 346 -7.9 26.9 0.8 26.9 28.1
	16	70.8	35.4	-1.9	357	59.0	43.8 -3.7 355 -11.7 8.4 -1.7 8.6 14.7
R	17	70.9	31.3	14.6	25	63.0	38.0 17.6 25 -7.8 6.7 3.0 7.3 10.8
	18	70.9	31.3	14.6	25	61.7	40.1 18.3 25 -9.1 8.8 3.7 9.5 13.2
J	19	89.3	-1.6	49.9	92	92.1	-16.1 74.7 102 2.9 -14.4 24.8 28.7 28.9
G	20	71.1	-28.5	9.3	162	56.1	-53.3 38.6 144 -14.9 -24.7 29.3 38.4 41.2
B	21	66.9	0.9	-24.5	272	58.8	-0.2 -35.4 270 -8.0 -1.1 -10.8 11.0 13.7
R	22	70.9	31.3	14.6	25	63.0	38.0 17.6 25 -7.8 6.7 3.0 7.3 10.8

rgb: ((R-J-G-B-R)w)<sub>d</sub>

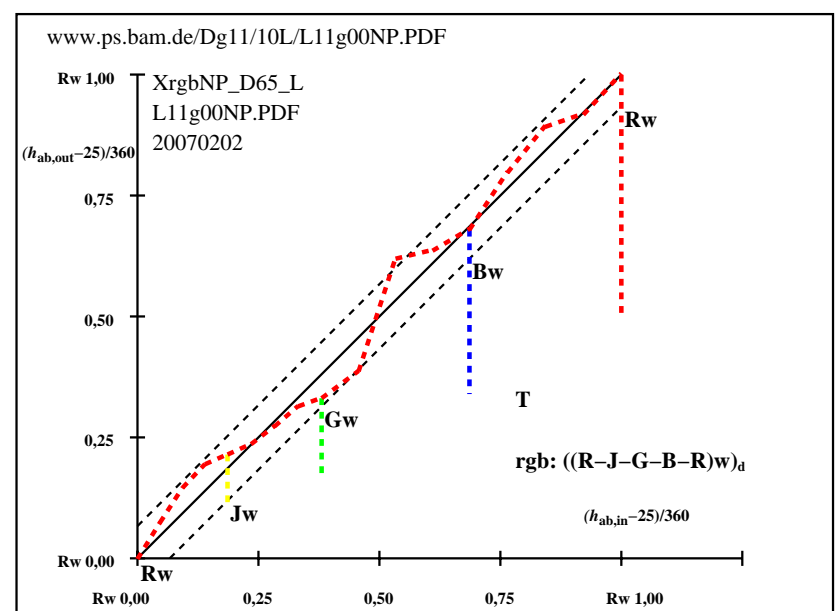
ΔH\*<sub>CIELAB</sub> = 18.3  
ΔE\*<sub>CIELAB</sub> = 21.1

ΔH\*<sub>CIELAB</sub> = 17.5  
ΔE\*<sub>CIELAB</sub> = 19.5

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82L0NP.PDF> /PS  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /PS  
aplicación para la medida de display output

TUB material: code=rh4ta



T	i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$						
N <sub>d</sub>	1	9.1	0.0	0.2	90	9.1	0.0	0.2	90	0.0	0.0	0.0	0.0	0.0
	2	14.4	0.0	0.2	90	14.6	0.3	-1.7	279	0.2	0.3	-1.9	2.0	2.0
	3	19.6	0.0	0.2	90	21.7	-0.4	-2.7	260	2.1	-0.4	-2.9	3.0	3.7
	4	24.8	0.0	0.2	90	28.4	-1.8	-1.9	226	3.6	-1.8	-2.1	2.9	4.6
	5	30.0	0.0	0.2	90	35.5	-2.1	-2.3	227	5.5	-2.1	-2.5	3.4	6.4
	6	35.3	0.0	0.1	90	41.3	-2.6	-0.4	190	6.1	-2.6	-0.5	2.8	6.7
	7	40.5	0.0	0.1	90	46.8	-2.6	-0.7	197	6.3	-2.6	-0.8	2.9	6.9
	8	45.7	0.0	0.1	90	52.9	-3.7	-0.2	185	7.2	-3.7	-0.3	3.8	8.1
Z <sub>d</sub>	9	51.0	0.0	0.1	90	58.3	-3.7	-0.8	193	7.3	-3.7	-0.9	3.9	8.3
	10	56.2	0.0	0.1	90	63.8	-3.2	-1.2	202	7.6	-3.2	-1.3	3.6	8.4
	11	61.4	0.0	0.1	90	69.8	-1.8	-1.5	220	8.4	-1.8	-1.6	2.5	8.7
	12	66.7	0.0	0.1	90	75.6	-0.8	-1.6	242	9.0	-0.8	-1.7	2.0	9.2
	13	71.9	0.0	0.1	90	81.6	0.0	-1.1	270	9.7	0.0	-1.2	1.3	9.8
	14	77.1	0.0	0.0	90	87.1	0.0	0.0	270	10.0	0.0	0.0	0.1	10.0
	15	82.3	0.0	0.0	90	92.1	-0.6	1.1	122	9.8	-0.6	1.1	1.3	9.8
	16	87.6	0.0	0.0	90	92.9	0.0	0.0	0	5.3	0.0	0.0	0.0	5.3
W <sub>d</sub>	17	92.8	0.0	0.0	0	92.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
N <sub>d</sub>	18	9.1	0.0	0.2	90	9.1	0.0	0.2	90	0.0	0.0	0.0	0.0	0.0
	19	30.0	0.0	0.2	90	35.5	-2.1	-2.3	227	5.5	-2.1	-2.5	3.4	6.4
Z <sub>d</sub>	20	51.0	0.0	0.1	90	58.3	-3.7	-0.8	193	7.3	-3.7	-0.9	3.9	8.3
	21	71.9	0.0	0.1	90	81.6	0.0	-1.1	270	9.7	0.0	-1.2	1.3	9.8
W <sub>d</sub>	22	92.8	0.0	0.0	0	92.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0

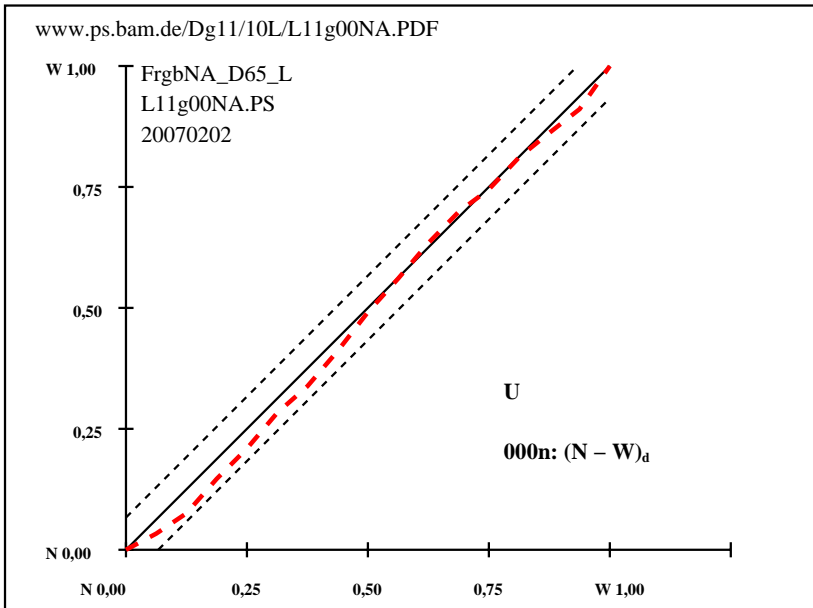
$\Delta L^* = 92.81 - 9.12$   
 $g^* = 42.5$   
 $f^* = 108.1$   
**000n: (N - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 2.1$   
 $\Delta E^*_{CIELAB} = 6.3$   
 $\Delta H^*_{CIELAB} = 1.7$   
 $\Delta E^*_{CIELAB} = 4.9$   
 $R^*_{ab,m} = 72$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

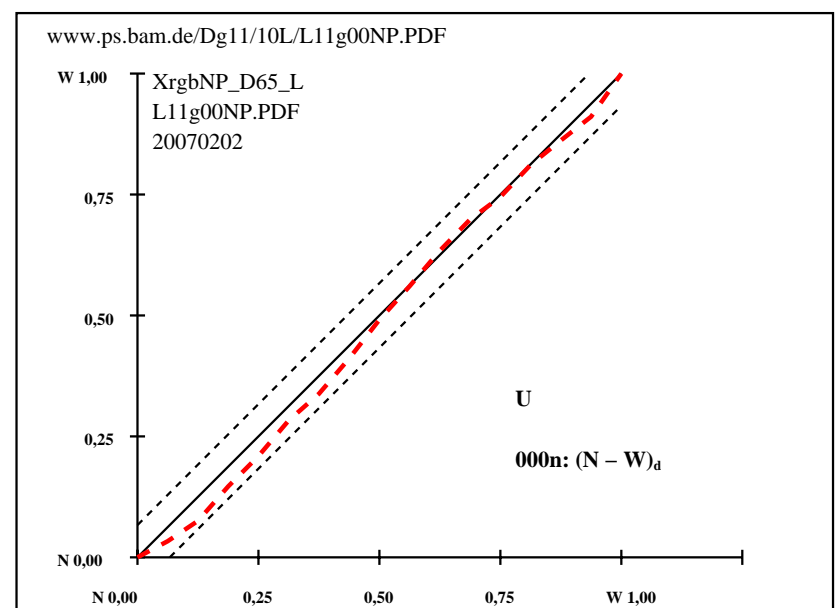
i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$							
N <sub>d</sub>	1	22.6	0.2	7.1	88	22.6	0.2	7.1	88	0.0	0.0	0.0	0.0	0.0
	2	27.2	0.2	6.7	88	25.1	0.3	7.2	88	-2.0	0.1	0.5	0.5	2.2
	3	31.7	0.2	6.2	88	28.1	0.3	6.9	88	-3.5	0.1	0.7	0.7	3.7
	4	36.3	0.2	5.8	88	33.3	0.2	6.3	88	-2.9	0.0	0.5	0.5	3.0
	5	40.8	0.2	5.4	88	37.9	0.2	5.9	88	-2.8	0.1	0.5	0.5	3.0
	6	45.4	0.1	4.9	88	43.2	0.1	5.3	89	-2.0	0.0	0.4	0.4	2.2
	7	49.9	0.1	4.5	88	47.2	0.1	4.8	89	-1.8	0.0	0.3	0.3	2.7
	8	54.5	0.1	4.1	88	52.6	0.1	4.4	89	-1.8	0.0	0.3	0.3	1.9
Z <sub>d</sub>	9	59.0	0.1	3.7	88	58.4	0.0	3.9	90	-0.5	0.0	0.3	0.3	0.7
	10	63.6	0.1	3.2	88	63.4	0.1	3.2	88	0.0	0.0	0.0	0.0	0.1
	11	68.1	0.1	2.8	88	68.8	0.0	2.7	90	0.7	0.0	0.0	0.1	0.7
	12	72.7	0.1	2.4	88	73.5	0.0	2.5	90	0.8	0.0	0.1	0.2	0.8
	13	77.2	0.1	1.9	89	76.9	0.1	1.9	87	-0.3	0.1	0.0	0.1	0.4
	14	81.8	0.0	1.5	89	81.7	0.0	1.6	90	0.0	0.0	0.1	0.1	0.1
	15	86.3	0.0	1.1	89	85.4	0.0	1.0	90	-0.9	0.0	0.0	0.1	1.0
	16	90.9	0.0	0.6	89	88.9	0.0	0.7	90	-1.9	0.0	0.1	0.1	2.0
W <sub>d</sub>	17	95.4	0.0	0.2	90	95.4	0.0	0.2	90	0.0	0.0	0.0	0.0	0.0
N <sub>d</sub>	18	22.6	0.2	7.1	88	22.6	0.2	7.1	88	0.0	0.0	0.0	0.0	0.0
	19	40.8	0.2	5.4	88	37.9	0.2	5.9	88	-2.8	0.1	0.5	0.5	3.0
Z <sub>d</sub>	20	59.0	0.1	3.7	88	58.4	0.0	3.9	90	-0.5	0.0	0.3	0.3	0.7
	21	77.2	0.1	1.9	89	76.9	0.1	1.9	87	-0.3	0.1	0.0	0.1	0.4
W <sub>d</sub>	22	95.4	0.0	0.2	90	95.4	0.0	0.2	90	0.0	0.0	0.0	0.0	0.0

$\Delta L^* = 95.42 - 22.63$   
 $g^* = 74.4$   
 $f^* = 94.0$   
**000n: (N - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 0.2$   
 $\Delta E^*_{CIELAB} = 1.4$   
 $\Delta H^*_{CIELAB} = 0.2$   
 $\Delta E^*_{CIELAB} = 0.8$   
 $R^*_{ab,m} = 94$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82.L11g00NA.PDF>  
 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /.PS  
 aplicación para la medida de display output

TUB material: code=rh4ta

N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S)

T	i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
N <sub>d</sub>	1	8.7	0.0	0.0	0	8.7	0.0	0.0	0.0
	2	13.9	0.0	0.0	0	13.9	0.7	-2.5	285
	3	19.1	0.0	0.0	0	20.8	-0.2	-3.9	266
	4	24.4	0.0	0.0	0	27.4	-1.8	-3.0	238
	5	29.6	0.0	0.0	0	34.4	-2.2	-3.4	237
	6	34.9	0.0	0.0	0	40.2	-2.7	-1.7	213
	7	40.1	0.0	0.0	0	45.9	-3.1	-1.5	207
	8	45.4	0.0	0.0	0	52.0	-3.9	-1.1	197
Z <sub>d</sub>	9	50.6	0.0	0.0	0	57.5	-3.9	-1.5	202
	10	55.9	0.0	0.0	0	63.4	-3.1	-1.9	212
	11	61.1	0.0	0.0	0	69.1	-1.8	-2.1	229
	12	66.4	0.0	0.0	0	75.2	-0.6	-2.1	252
	13	71.6	0.0	0.0	0	81.2	0.1	-1.4	274
	14	76.9	0.0	0.0	0	86.9	0.0	-0.1	270
	15	82.1	0.0	0.0	0	92.0	-0.7	1.1	126
	16	87.4	0.0	0.0	0	92.7	0.0	0.0	0
W <sub>d</sub>	17	92.6	0.0	0.0	0	92.6	0.0	0.0	0
N <sub>d</sub>	18	8.7	0.0	0.0	0	8.7	0.0	0.0	0
	19	29.6	0.0	0.0	0	34.4	-2.2	-3.4	237
Z <sub>d</sub>	20	50.6	0.0	0.0	0	57.5	-3.9	-1.5	202
	21	71.6	0.0	0.0	0	81.2	0.1	-1.4	274
W <sub>d</sub>	22	92.6	0.0	0.0	0	92.6	0.0	0.0	0

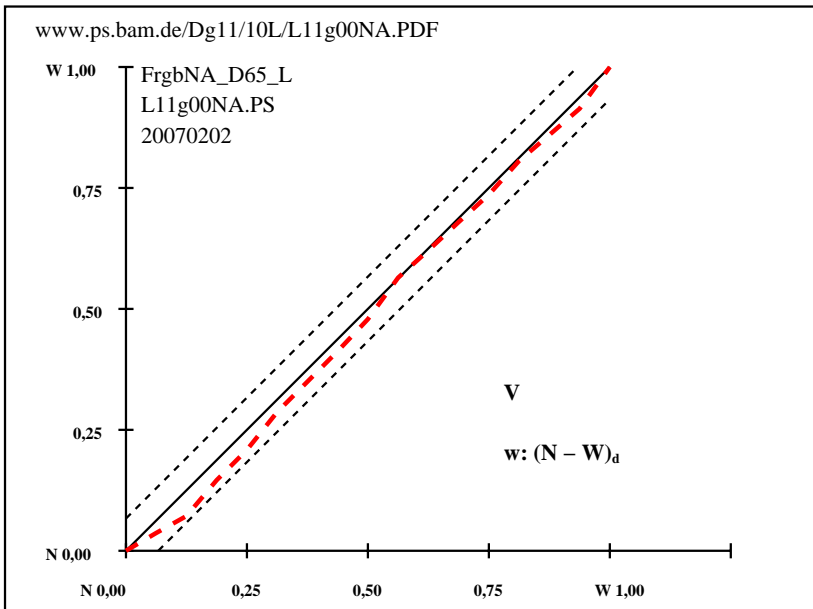
$\Delta L^* = 92.63 - 8.65$   
 $g^* = 44.4$   
 $f^* = 108.5$   
**w: (N - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 2.5$   
 $\Delta E^*_{CIELAB} = 6.3$   
 $\Delta H^*_{CIELAB} = 2.0$   
 $\Delta E^*_{CIELAB} = 4.8$   
 $R^*_{ab,m} = 72$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

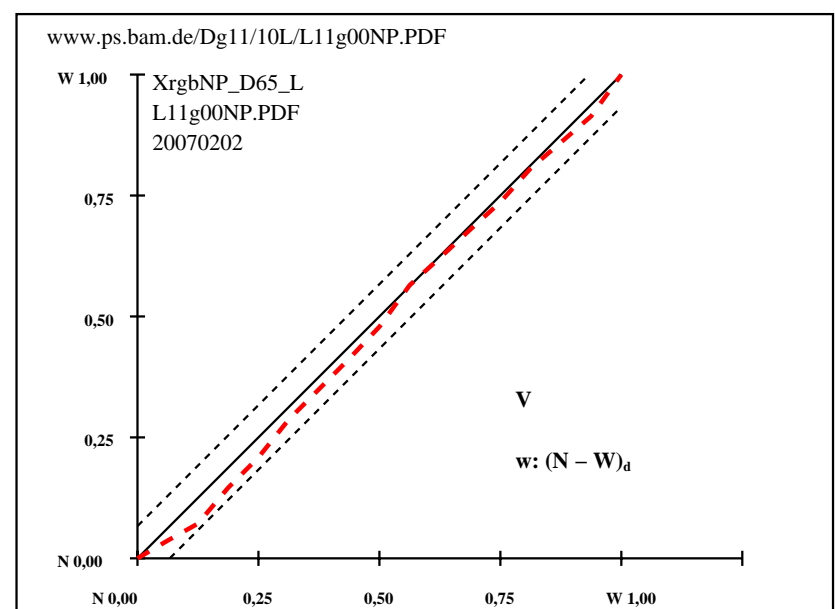
i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
N <sub>d</sub>	1	21.3	0.0	-0.1	243	21.3	0.0	-0.1
	2	25.9	0.0	-0.1	242	24.0	0.0	0.0
	3	30.6	0.0	-0.1	240	26.6	0.0	0.0
	4	35.2	0.0	-0.1	238	32.1	0.0	0.0
	5	39.8	0.0	-0.1	236	36.8	0.0	0.1
	6	44.5	0.0	0.0	234	42.6	0.0	0.0
	7	49.1	0.0	0.0	231	47.2	0.0	0.0
	8	53.8	0.0	0.0	228	51.9	0.0	0.1
Z <sub>d</sub>	9	58.4	0.0	0.0	225	56.8	0.0	0.3
	10	63.0	0.0	0.0	221	63.2	0.0	0.0
	11	67.7	0.0	0.0	217	67.4	0.0	0.0
	12	72.3	0.0	0.0	212	71.7	0.0	0.3
	13	77.0	0.0	0.0	207	75.9	0.0	0.1
	14	81.6	0.0	0.0	201	81.1	0.0	0.1
	15	86.2	0.0	0.0	194	85.1	0.0	0.1
	16	90.9	0.0	0.0	187	89.1	0.0	0.0
W <sub>d</sub>	17	95.5	0.0	0.0	180	95.5	0.0	0.0
N <sub>d</sub>	18	21.3	0.0	-0.1	243	21.3	0.0	-0.1
	19	39.8	0.0	-0.1	236	36.8	0.0	0.1
Z <sub>d</sub>	20	58.4	0.0	0.0	225	56.8	0.0	0.3
	21	77.0	0.0	0.0	207	75.9	0.0	0.1
W <sub>d</sub>	22	95.5	0.0	0.0	180	95.5	0.0	0.0

$\Delta L^* = 95.51 - 21.27$   
 $g^* = 77.3$   
 $f^* = 95.9$   
**w: (N - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 0.2$   
 $\Delta E^*_{CIELAB} = 1.5$   
 $\Delta H^*_{CIELAB} = 0.2$   
 $\Delta E^*_{CIELAB} = 1.1$   
 $R^*_{ab,m} = 94$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82L0NP.PDF> /PS  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /PS  
aplicación para la medida de display output

TUB material: code=rh4ta

T	i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$						
N <sub>d</sub>	1	9.1	0.0	0.2	90	9.1	0.0	0.2	90	0.0	0.0	0.0	0.0	0.0
	2	14.4	0.0	0.2	90	14.6	0.3	-1.7	279	0.2	0.3	-1.9	2.0	2.0
	3	19.6	0.0	0.2	90	21.7	-0.4	-2.7	260	2.1	-0.4	-2.9	3.0	3.7
	4	24.8	0.0	0.2	90	28.4	-1.8	-1.9	226	3.6	-1.8	-2.1	2.9	4.6
	5	30.0	0.0	0.2	90	35.5	-2.1	-2.3	227	5.5	-2.1	-2.5	3.4	6.4
	6	35.3	0.0	0.1	90	41.3	-2.6	-0.4	190	6.1	-2.6	-0.5	2.8	6.7
	7	40.5	0.0	0.1	90	46.8	-2.6	-0.7	197	6.3	-2.6	-0.8	2.9	6.9
	8	45.7	0.0	0.1	90	52.9	-3.7	-0.2	185	7.2	-3.7	-0.3	3.8	8.1
Z <sub>d</sub>	9	51.0	0.0	0.1	90	58.3	-3.7	-0.8	193	7.3	-3.7	-0.9	3.9	8.3
	10	56.2	0.0	0.1	90	63.8	-3.2	-1.2	202	7.6	-3.2	-1.3	3.6	8.4
	11	61.4	0.0	0.1	90	69.8	-1.8	-1.5	220	8.4	-1.8	-1.6	2.5	8.7
	12	66.7	0.0	0.1	90	75.6	-0.8	-1.6	242	9.0	-0.8	-1.7	2.0	9.2
	13	71.9	0.0	0.1	90	81.6	0.0	-1.1	270	9.7	0.0	-1.2	1.3	9.8
	14	77.1	0.0	0.0	90	87.1	0.0	0.0	270	10.0	0.0	0.0	0.1	10.0
	15	82.3	0.0	0.0	90	92.1	-0.6	1.1	122	9.8	-0.6	1.1	1.3	9.8
	16	87.6	0.0	0.0	90	92.9	0.0	0.0	0	5.3	0.0	0.0	0.0	5.3
W <sub>d</sub>	17	92.8	0.0	0.0	0	92.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
N <sub>d</sub>	18	9.1	0.0	0.2	90	9.1	0.0	0.2	90	0.0	0.0	0.0	0.0	0.0
	19	30.0	0.0	0.2	90	35.5	-2.1	-2.3	227	5.5	-2.1	-2.5	3.4	6.4
Z <sub>d</sub>	20	51.0	0.0	0.1	90	58.3	-3.7	-0.8	193	7.3	-3.7	-0.9	3.9	8.3
	21	71.9	0.0	0.1	90	81.6	0.0	-1.1	270	9.7	0.0	-1.2	1.3	9.8
W <sub>d</sub>	22	92.8	0.0	0.0	0	92.8	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0

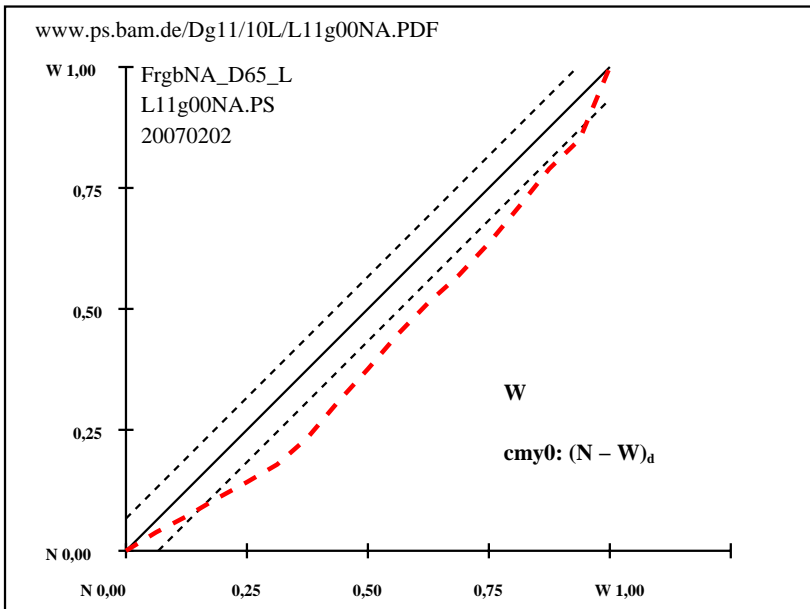
**g\* = 42.5**  
**f\* = 108.1**  
**cmY0: (N - W)<sub>d</sub>**  
 **$\Delta H^*$ \*CIELAB = 2.1**  
 **$\Delta E^*$ \*CIELAB = 6.3**  
 **$\Delta H^*$ \*CIELAB = 1.7**  
 **$\Delta E^*$ \*CIELAB = 4.9**  
**R\*<sub>ab,m</sub> = 72**

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

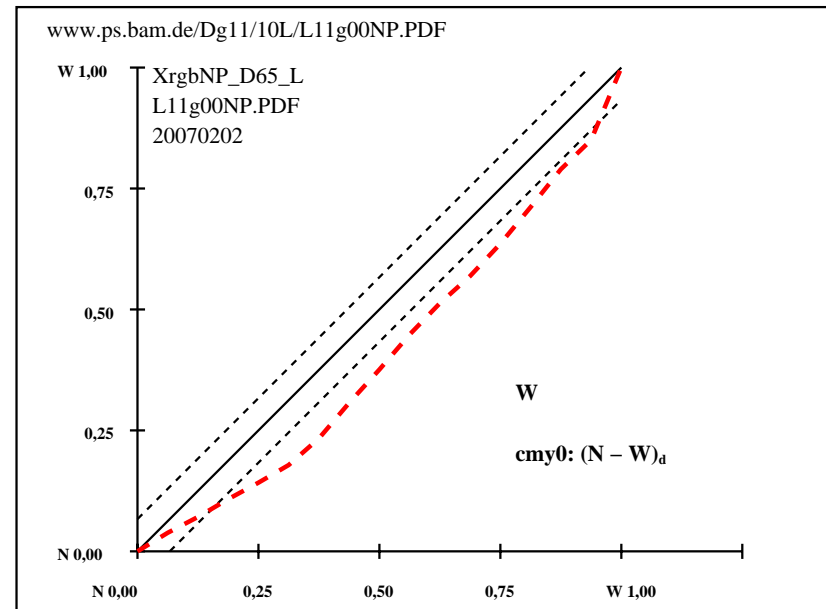
i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$							
N <sub>d</sub>	1	26.9	0.0	0.0	0	26.9	0.0	0.0	0	0.0	0.0	0.0	0.0	
	2	31.2	0.0	0.0	0	29.2	-0.6	1.1	122	-1.9	-0.6	1.1	1.3	2.4
	3	35.5	0.0	0.0	0	31.4	-1.5	1.0	148	-4.0	-1.5	1.0	1.9	4.5
	4	39.8	0.0	0.0	0	34.1	-1.7	0.5	164	-5.6	-1.7	0.5	1.9	6.0
	5	44.1	0.0	0.0	0	36.2	-1.9	2.0	135	-7.7	-1.9	2.0	2.8	8.3
	6	48.3	0.0	0.0	0	38.8	-1.7	2.1	131	-9.4	-1.7	2.1	2.8	9.9
	7	52.6	0.0	0.0	0	42.6	-1.3	3.0	115	-9.9	-1.3	3.0	3.3	10.6
	8	56.9	0.0	0.0	0	47.3	-2.5	4.6	119	-9.5	-2.5	4.6	5.3	11.0
Z <sub>d</sub>	9	61.2	0.0	0.0	0	51.9	-1.7	6.1	106	-9.2	-1.7	6.1	6.4	11.3
	10	65.5	0.0	0.0	0	56.7	-1.3	7.2	101	-8.6	-1.3	7.2	7.3	11.4
	11	69.7	0.0	0.0	0	61.3	-0.7	7.2	96	-8.3	-0.7	7.2	7.2	11.1
	12	74.0	0.0	0.0	0	65.4	-0.8	6.5	98	-8.6	-0.8	6.5	6.6	10.9
	13	78.3	0.0	0.0	0	70.0	-0.3	6.3	94	-8.2	-0.3	6.3	6.3	10.4
	14	82.6	0.0	0.0	0	75.3	-0.1	5.9	92	-7.2	-0.1	5.9	5.9	9.4
	15	86.9	0.0	0.0	0	80.8	-1.2	5.2	104	-6.0	-1.2	5.2	5.4	8.1
	16	91.1	0.0	0.0	0	85.1	0.3	1.9	81	-5.9	0.3	1.9	1.9	6.3
W <sub>d</sub>	17	95.4	0.0	0.0	0	95.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
N <sub>d</sub>	18	26.9	0.0	0.0	0	26.9	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	19	44.1	0.0	0.0	0	36.2	-1.9	2.0	135	-7.7	-1.9	2.0	2.8	8.3
Z <sub>d</sub>	20	61.2	0.0	0.0	0	51.9	-1.7	6.1	106	-9.2	-1.7	6.1	6.4	11.3
	21	78.3	0.0	0.0	0	70.0	-0.3	6.3	94	-8.2	-0.3	6.3	6.3	10.4
W <sub>d</sub>	22	95.4	0.0	0.0	0	95.4	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0

**g\* = 36.6**  
**f\* = 88.5**  
**cmY0: (N - W)<sub>d</sub>**  
 **$\Delta H^*$ \*CIELAB = 3.9**  
 **$\Delta E^*$ \*CIELAB = 7.7**  
 **$\Delta H^*$ \*CIELAB = 3.1**  
 **$\Delta E^*$ \*CIELAB = 6.0**  
**R\*<sub>ab,m</sub> = 66**

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82L0NA.PDF> / .PS; comience salida, página 23/24  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /.PS  
aplicación para la medida de display output

TUB material: code=rh4ta

N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S)

vea archivos semejantes: <http://farbe.li.tu-berlin.de/AF82/AF82.HTM>  
 información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

T	i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
N <sub>d</sub>	1	8.7	0.0	0.0	0	8.7	0.0	0.0	0
	2	13.9	0.0	0.0	0	13.9	0.7	-2.5	285
	3	19.1	0.0	0.0	0	20.8	-0.2	-3.9	266
	4	24.4	0.0	0.0	0	27.4	-1.8	-3.0	238
	5	29.6	0.0	0.0	0	34.4	-2.2	-3.4	237
	6	34.9	0.0	0.0	0	40.2	-2.7	-1.7	213
	7	40.1	0.0	0.0	0	45.9	-3.1	-1.5	207
	8	45.4	0.0	0.0	0	52.0	-3.9	-1.1	197
Z <sub>d</sub>	9	50.6	0.0	0.0	0	57.5	-3.9	-1.5	202
	10	55.9	0.0	0.0	0	63.4	-3.1	-1.9	212
	11	61.1	0.0	0.0	0	69.1	-1.8	-2.1	229
	12	66.4	0.0	0.0	0	75.2	-0.6	-2.1	252
	13	71.6	0.0	0.0	0	81.2	0.1	-1.4	274
	14	76.9	0.0	0.0	0	86.9	0.0	-0.1	270
	15	82.1	0.0	0.0	0	92.0	-0.7	1.1	126
	16	87.4	0.0	0.0	0	92.7	0.0	0.0	0
W <sub>d</sub>	17	92.6	0.0	0.0	0	92.6	0.0	0.0	0
N <sub>d</sub>	18	8.7	0.0	0.0	0	8.7	0.0	0.0	0
	19	29.6	0.0	0.0	0	34.4	-2.2	-3.4	237
Z <sub>d</sub>	20	50.6	0.0	0.0	0	57.5	-3.9	-1.5	202
	21	71.6	0.0	0.0	0	81.2	0.1	-1.4	274
W <sub>d</sub>	22	92.6	0.0	0.0	0	92.6	0.0	0.0	0

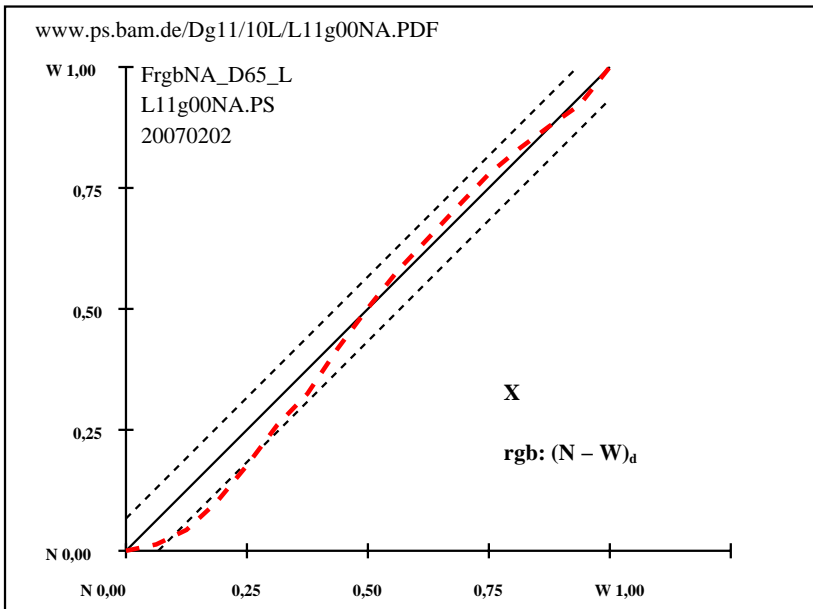
$\Delta L^* = 92.63 - 8.65$   
 $g^* = 44.4$   
 $f^* = 108.5$   
**rgb: (N - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 2.5$   
 $\Delta E^*_{CIELAB} = 6.3$   
 $\Delta H^*_{CIELAB} = 2.0$   
 $\Delta E^*_{CIELAB} = 4.8$   
 $R^*_{ab,m} = 72$

AF820-3N, FrgbNP\_D65\_LL11g00NA.PDF20070129

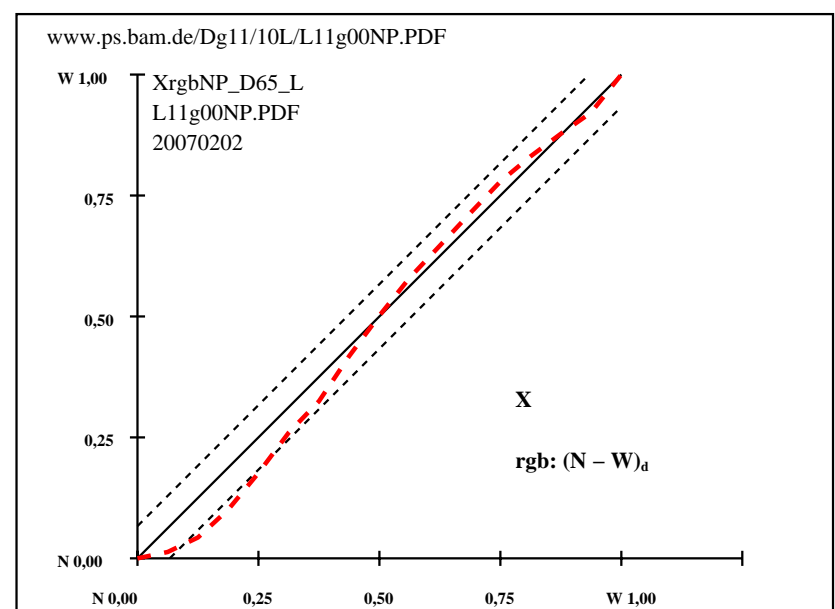
i	LAB*a,ref	hab.ref	LAB*a,out	hab,out	LAB*a,out/c-ref	$\Delta H^*$	$\Delta E^*$	
N <sub>d</sub>	1	21.7	0.0	0.0	0	21.7	0.0	0.0
	2	26.3	0.0	0.0	0	22.6	0.0	0.0
	3	30.9	0.0	0.0	0	24.8	0.1	90
	4	35.5	0.0	0.0	0	29.1	0.0	0.0
	5	40.1	0.0	0.0	0	34.7	0.0	0.0
	6	44.7	0.0	0.0	0	40.8	0.0	0.0
	7	49.3	0.0	0.0	0	45.6	0.0	0.2
	8	53.9	0.0	0.0	0	52.5	0.0	0.1
Z <sub>d</sub>	9	58.6	0.0	0.0	0	58.7	0.0	0.2
	10	63.2	0.0	0.0	0	64.5	0.0	0.2
	11	67.8	0.0	0.0	0	69.4	0.0	0.2
	12	72.4	0.0	0.0	0	74.3	0.0	0.2
	13	77.0	0.0	0.0	0	79.1	0.0	0.1
	14	81.6	0.0	0.0	0	83.0	0.0	0.0
	15	86.2	0.0	0.0	0	86.4	0.0	0.1
	16	90.8	0.0	0.0	0	89.7	0.0	0.2
W <sub>d</sub>	17	95.5	0.0	0.0	0	95.5	0.0	0.0
N <sub>d</sub>	18	21.7	0.0	0.0	0	21.7	0.0	0.0
	19	40.1	0.0	0.0	0	34.7	0.0	0.0
Z <sub>d</sub>	20	58.6	0.0	0.0	0	58.7	0.0	0.2
	21	77.0	0.0	0.0	0	79.1	0.0	0.1
W <sub>d</sub>	22	95.5	0.0	0.0	0	95.5	0.0	0.0

$\Delta L^* = 95.46 - 21.66$   
 $g^* = 54.2$   
 $f^* = 95.3$   
**rgb: (N - W)<sub>d</sub>**  
 $\Delta H^*_{CIELAB} = 0.1$   
 $\Delta E^*_{CIELAB} = 2.4$   
 $\Delta H^*_{CIELAB} = 0.1$   
 $\Delta E^*_{CIELAB} = 1.6$   
 $R^*_{ab,m} = 90$

AF821-3N, XrgbNP\_D65\_LL11g00NP.PDF20070202



AF820-7N, FrgbNA\_D65\_LL11g00NA.PS20070202



AF821-7N, XrgbNP\_D65\_LL11g00NP.PDF20070202

X"; rgb24/24

entrada: rgb/cmy0/000n/w set...  
 salida: ->rgb<sub>dd</sub> setrgbcolor

TUB matrícula: 20160501-AF82/AF82L0NP.PDF /.PS  
 aplicación para la medida de display output  
 TUB material: code=rh4ta