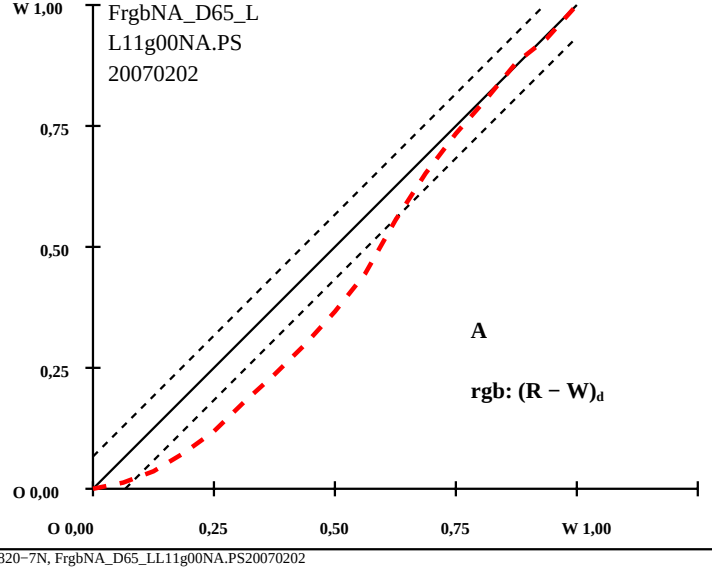
T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
R_d	1	35.9	60.7	44.5	36	35.9	60.7	44.5	36	0.0	0.0	0.0	0.0	0.0	
	2	39.5	56.9	41.7	36	40.2	58.0	36.9	32	0.7	1.1	−4.7	4.9	5.0	
	3	43.0	53.1	39.0	36	45.1	53.5	29.9	29	2.1	0.4	−9.0	9.1	9.3	
	4	46.6	49.3	36.2	36	49.9	48.2	26.2	29	3.3	−1.0	−9.9	10.0	10.6	***CIELAB***
	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	**ΔL^* = 92.71 − 35.94**
	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	**g^* = 41.7**
	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_d	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	**f^* = 73.3**
	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	**rgb: (R − W)$_d$**
	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	**ΔH^*_{CIELAB} = 8.6**
W_d	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	**ΔE^*_{CIELAB} = 9.6**
R_d	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_d	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	**ΔH^*_{CIELAB} = 6.6**
W_d	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	**ΔE^*_{CIELAB} = 7.4**
															$R^*_{ab,m}$ = 58

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
R_d	1	46.3	60.0	40.4	34	46.3	60.0	40.4	34	0.0	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	***CIELAB***
	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	**ΔL^* = 95.41 − 46.31**
	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	**g^* = 11.8**
	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_d	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	**f^* = 63.4**
	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	**rgb: (R − W)$_d$**
	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	**ΔH^*_{CIELAB} = 6.6**
W_d	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	**ΔE^*_{CIELAB} = 8.9**
R_d	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_d	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	**ΔH^*_{CIELAB} = 5.3**
W_d	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	**ΔE^*_{CIELAB} = 7.1**
															$R^*_{ab,m}$ = 61

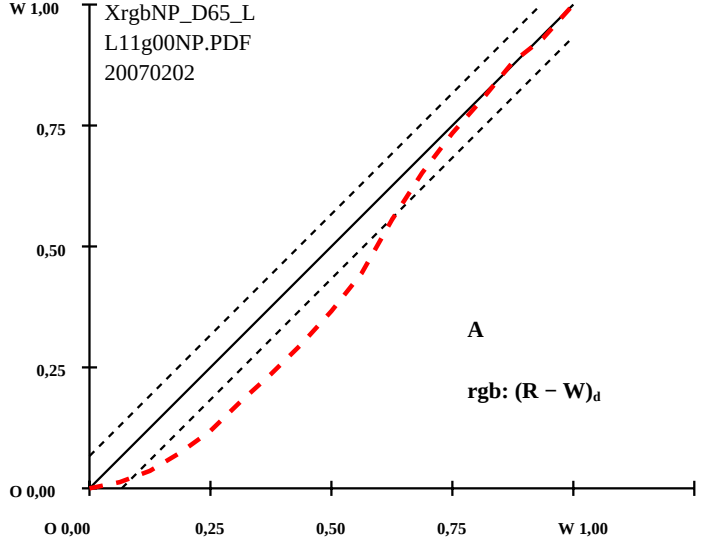
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
Y_d	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
	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_d	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_d	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_d	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_d	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_d	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

ΔL^* = 92.58 − 84.27

g^* = 18.5

f^* = 10.7

rgb: $(Y - W)_d$

ΔH^*_{CIELAB} = 12.1

ΔE^*_{CIELAB} = 12.2

ΔH^*_{CIELAB} = 9.6

ΔE^*_{CIELAB} = 9.7

$R^*_{ab,m}$ = 47

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
Y_d	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_d	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	2.0	2.9	2.9
W_d	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_d	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_d	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_d	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

ΔL^* = 95.43 − 90.9

g^* = 3.8

f^* = 5.9

rgb: $(Y - W)_d$

ΔH^*_{CIELAB} = 15.2

ΔE^*_{CIELAB} = 15.3

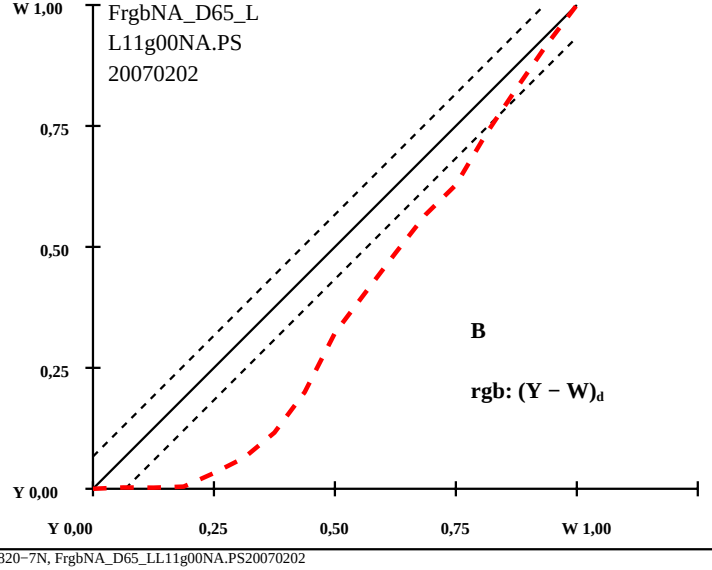
ΔH^*_{CIELAB} = 12.2

ΔE^*_{CIELAB} = 12.2

$R^*_{ab,m}$ = 33

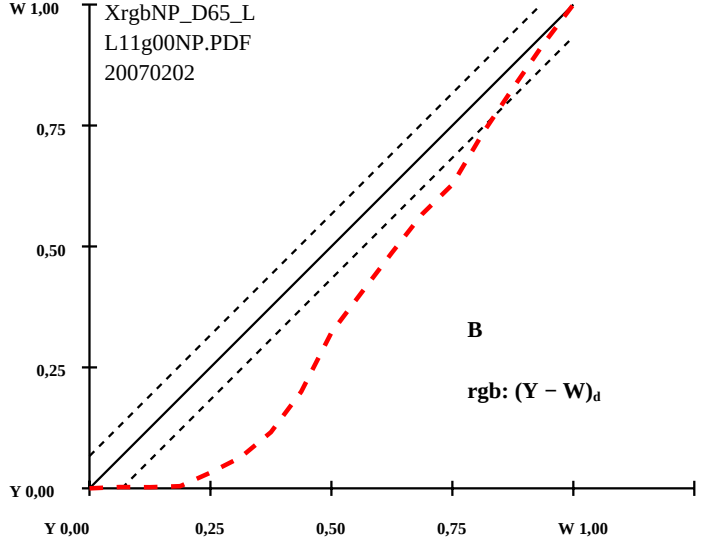
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

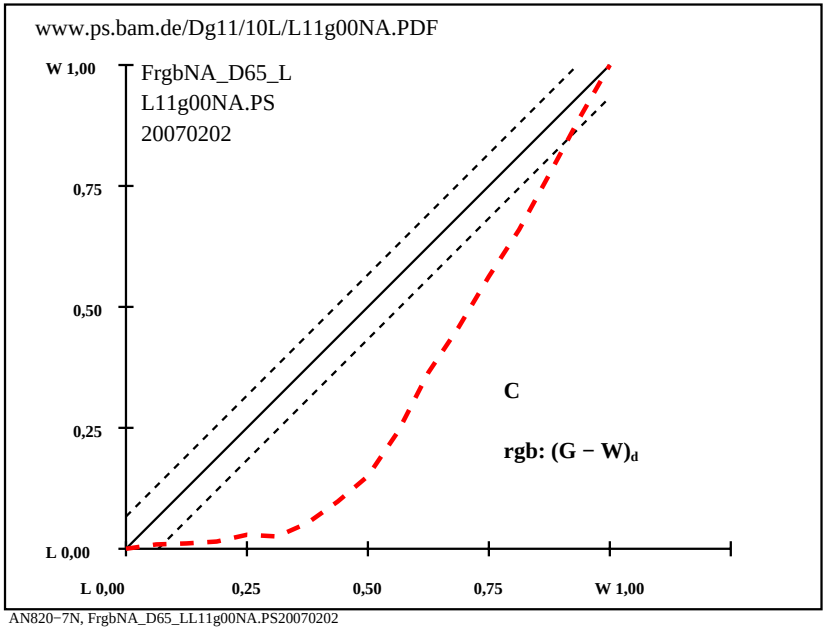
TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

T	i	LAB*a,ref		hab,ref	LAB*a,out		hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
G_d	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	
	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	50.1	−54.0	42.4	142	53.5	−57.4	39.7	145	3.3	−3.3	−2.6	4.4	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	***CIELAB***
	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	**ΔL^* = 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_d	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	**rgb: $(G - W)_d$**
	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	**ΔH^*_{CIELAB} = 4.4**
W_d	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	**ΔE^*_{CIELAB} = 6.6**
G_d	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	
	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_d	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	**ΔH^*_{CIELAB} = 3.2**
W_d	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	**ΔE^*_{CIELAB} = 4.9**
															$R^*_{ab,m}$ = 71

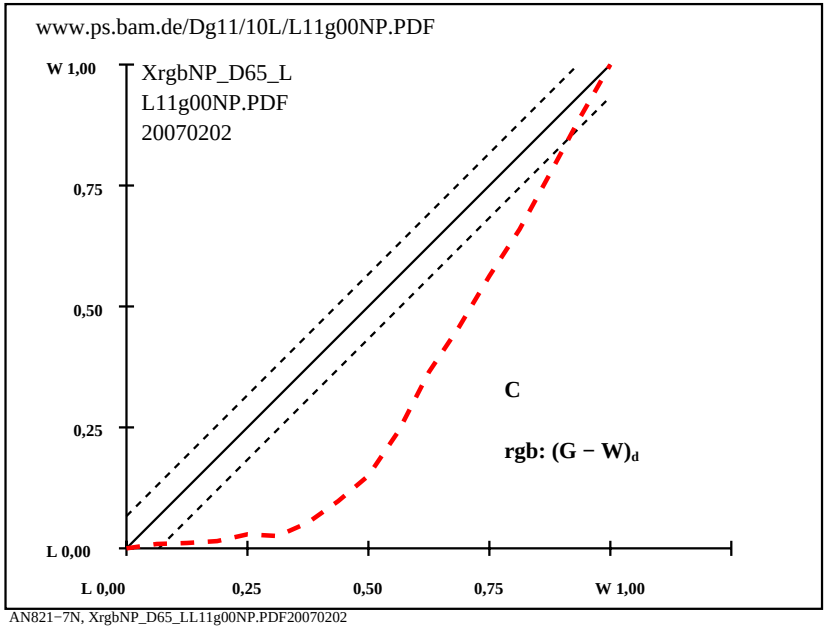
AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref		hab,ref	LAB*a,out		hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
G_d	1	45.7	−67.4	36.2	152	45.7	−67.4	36.2	152	0.0	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	5.4	
	3	51.9	−59.0	31.7	152	45.5	−66.5	36.6	151	−6.3	−7.4	4.9	9.0	11.1	
	4	55.0	−54.7	29.4	152	45.6	−66.1	36.6	151	−9.4	−11.3	7.2	13.4	16.4	***CIELAB***
	5	58.2	−50.5	27.2	152	45.8	−65.0	37.3	150	−12.2	−14.4	10.1	17.7	21.5	**ΔL^* = 95.52 − 45.71**
	6	61.3	−46.3	24.9	152	45.7	−65.3	37.2	150	−15.4	−18.9	12.3	22.6	27.4	
	7	64.4	−42.1	22.7	152	47.4	−63.4	38.4	149	−16.9	−21.2	15.7	26.5	31.5	**g^* = 0.6**
	8	67.5	−37.9	20.4	152	49.9	−60.0	38.8	147	−17.5	−22.0	18.4	28.8	33.7	
Z_d	9	70.6	−33.7	18.2	152	53.0	−55.8	36.0	147	−17.5	−22.1	17.9	28.4	33.4	
	10	73.7	−29.4	15.9	152	57.2	−49.9	28.9	150	−16.4	−20.4	13.0	24.3	29.4	**f^* = 64.4**
	11	76.8	−25.2	13.6	152	62.1	−42.0	22.3	152	−14.6	−16.7	8.7	18.9	24.0	
	12	80.0	−21.0	11.4	152	67.6	−35.2	20.9	149	−12.3	−14.1	9.5	17.1	21.1	
	13	83.1	−16.8	9.1	152	74.0	−27.6	20.2	144	−8.9	−10.7	11.1	15.5	17.9	**rgb: $(G - W)_d$**
	14	86.2	−12.6	6.9	152	80.4	−21.0	19.7	137	−5.7	−8.3	12.8	15.4	16.4	
	15	89.3	−8.3	4.6	151	85.8	−14.1	12.7	138	−3.4	−5.7	8.1	9.9	10.5	
	16	92.4	−4.1	2.4	151	90.6	−7.1	5.2	144	−1.7	−2.9	2.8	4.1	4.5	**ΔH^*_{CIELAB} = 15.0**
W_d	17	95.5	0.0	0.1	90	95.5	0.0	0.1	90	0.0	0.0	0.0	0.0	0.0	**ΔE^*_{CIELAB} = 17.9**
G_d	18	45.7	−67.4	36.2	152	45.7	−67.4	36.2	152	0.0	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	21.5	
Z_d	20	70.6	−33.7	18.2	152	53.0	−55.8	36.0	147	−17.5	−22.1	17.9	28.4	33.4	
	21	83.1	−16.8	9.1	152	74.0	−27.6	20.2	144	−8.9	−10.7	11.1	15.5	17.9	**ΔH^*_{CIELAB} = 12.3**
W_d	22	95.5	0.0	0.1	90	95.5	0.0	0.1	90	0.0	0.0	0.0	0.0	0.0	**ΔE^*_{CIELAB} = 14.6**
															$R^*_{ab,m}$ = 21

AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

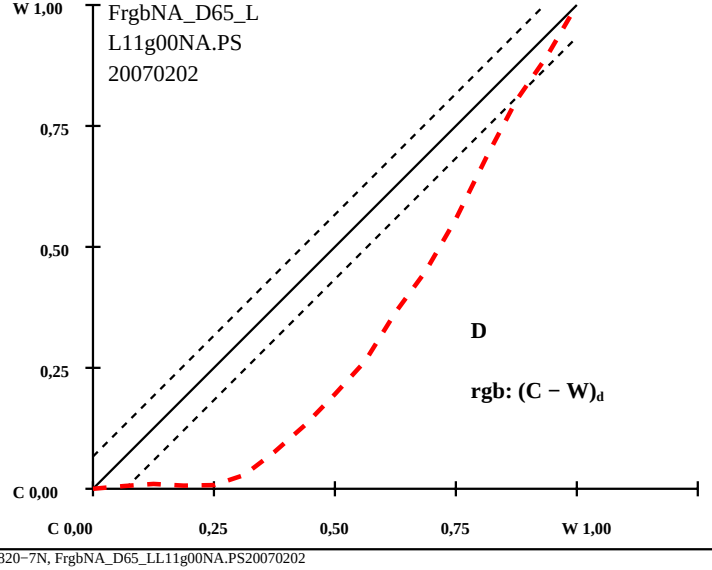
T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
C_d	1	53.7	−28.9	−31.6	228	53.7	−28.9	−31.6	228	0.0	0.0	0.0	0.0	0.0	
	2	56.2	−27.1	−29.6	228	57.8	−29.4	−29.9	225	1.6	−2.2	−0.2	2.3	2.8	
	3	58.6	−25.3	−27.6	228	61.5	−29.2	−28.0	224	2.9	−3.8	−0.3	3.9	4.9	
	4	61.0	−23.5	−25.7	228	64.8	−28.4	−26.0	222	3.7	−4.8	−0.2	4.9	6.2	***CIELAB***
	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	**ΔL^* = 92.62 − 53.73**
	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	**g^* = 27.5**
	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	
Z_d	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	**f^* = 50.2**
	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	**rgb: $(C - W)_d$**
	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	**ΔH^*_{CIELAB} = 4.0**
W_d	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	**ΔE^*_{CIELAB} = 5.7**
C_d	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	
Z_d	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	
	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	**ΔH^*_{CIELAB} = 2.9**
W_d	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	**ΔE^*_{CIELAB} = 4.3**
															$R^*_{ab,m}$ = 75

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
C_d	1	51.2	−15.7	−52.5	253	51.2	−15.7	−52.5	253	0.0	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	4.7	
	3	56.7	−13.7	−45.9	253	50.8	−15.2	−52.8	254	−5.8	−1.4	−6.8	7.0	9.2	
	4	59.5	−12.7	−42.7	253	51.1	−15.3	−52.7	254	−8.3	−2.5	−9.9	10.4	13.3	***CIELAB***
	5	62.2	−11.8	−39.4	253	51.7	−15.6	−52.4	253	−10.4	−3.7	−12.9	13.6	17.2	**ΔL^* = 95.39 − 51.16**
	6	65.0	−10.8	−36.1	253	52.7	−16.2	−51.3	252	−12.2	−5.3	−15.1	16.1	20.3	
	7	67.7	−9.8	−32.8	253	55.1	−16.2	−48.9	252	−12.5	−6.3	−16.0	17.3	21.4	**g^* = 2.5**
	8	70.5	−8.8	−29.5	253	57.0	−16.3	−45.4	250	−13.4	−7.4	−15.8	17.6	22.1	
Z_d	9	73.3	−7.8	−26.3	253	58.6	−15.8	−40.9	249	−14.6	−7.9	−14.6	16.7	22.2	
	10	76.0	−6.8	−23.0	253	60.9	−15.4	−36.7	247	−15.0	−8.5	−13.6	16.2	22.1	**f^* = 57.1**
	11	78.8	−5.8	−19.7	253	64.9	−13.8	−30.9	246	−13.8	−7.9	−11.1	13.8	19.6	
	12	81.6	−4.8	−16.4	253	68.6	−12.1	−26.3	245	−12.9	−7.2	−9.8	12.3	17.9	
	13	84.3	−3.9	−13.1	253	74.3	−10.3	−21.2	244	−9.9	−6.4	−8.0	10.3	14.4	**rgb: $(C - W)_d$**
	14	87.1	−2.9	−9.8	253	81.0	−8.3	−15.4	242	−6.0	−5.3	−5.5	7.8	9.9	
	15	89.9	−1.9	−6.6	253	87.0	−5.8	−9.9	239	−2.7	−3.8	−3.2	5.2	5.9	
	16	92.6	−0.9	−3.3	254	91.1	−3.2	−5.5	239	−1.5	−2.2	−2.1	3.2	3.6	**ΔH^*_{CIELAB} = 10.1**
W_d	17	95.4	0.0	0.0	270	95.4	0.0	0.0	270	0.0	0.0	0.0	0.0	0.0	**ΔE^*_{CIELAB} = 13.2**
C_d	18	51.2	−15.7	−52.5	253	51.2	−15.7	−52.5	253	0.0	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	17.2	
Z_d	20	73.3	−7.8	−26.3	253	58.6	−15.8	−40.9	249	−14.6	−7.9	−14.6	16.7	22.2	
	21	84.3	−3.9	−13.1	253	74.3	−10.3	−21.2	244	−9.9	−6.4	−8.0	10.3	14.4	**ΔH^*_{CIELAB} = 8.1**
W_d	22	95.4	0.0	0.0	270	95.4	0.0	0.0	270	0.0	0.0	0.0	0.0	0.0	**ΔE^*_{CIELAB} = 10.8**
															$R^*_{ab,m}$ = 42

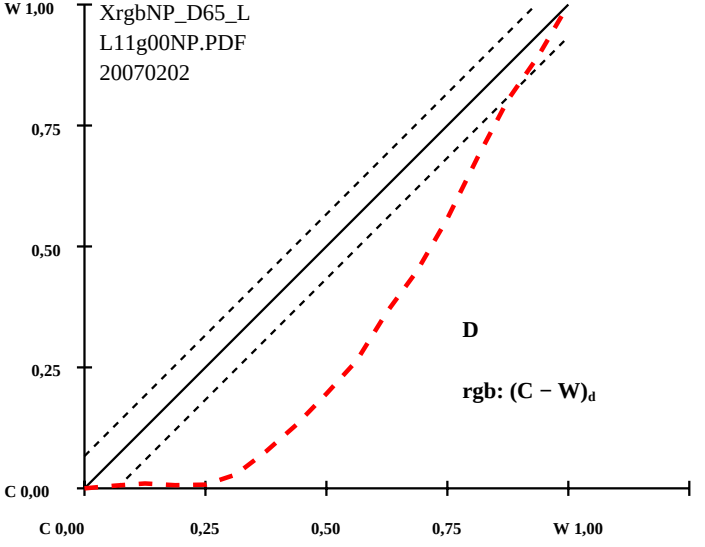
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

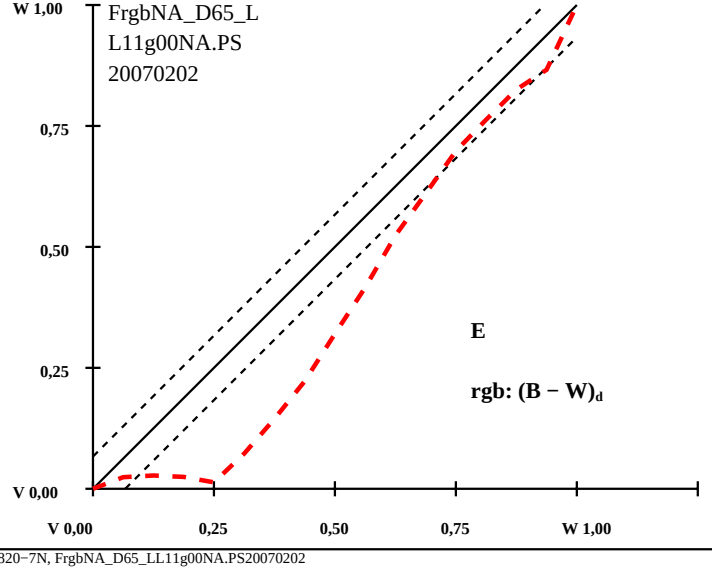
T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
B_d	1	14.6	51.7	−60.3	311	14.6	51.7	−60.3	311	0.0	0.0	0.0	0.0	0.0	
	2	19.5	48.5	−56.5	311	20.0	46.6	−59.4	308	0.5	−1.8	−2.8	3.4	3.5	
	3	24.3	45.2	−52.8	311	26.5	39.6	−56.5	305	2.1	−5.5	−3.6	6.8	7.1	
	4	29.2	42.0	−49.0	311	32.8	33.1	−52.8	302	3.6	−8.8	−3.7	9.7	10.3	***CIELAB***
	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	**ΔL^* = 92.7 − 14.57**
	6	39.0	35.5	−41.4	311	44.5	23.9	−45.1	298	5.5	−11.5	−3.6	12.2	13.4	
	7	43.9	32.3	−37.7	311	49.3	20.5	−41.4	296	5.4	−11.7	−3.7	12.4	13.5	**g^* = 44.2**
	8	48.8	29.1	−33.9	311	55.0	16.2	−37.0	294	6.2	−12.8	−3.0	13.3	14.6	
Z_d	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	**f^* = 100.9**
	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	**rgb: $(B - W)_d$**
	14	78.1	9.7	−11.2	311	87.3	2.3	−6.5	289	9.3	−7.3	4.7	8.8	12.8	
	15	82.9	6.5	−7.4	311	91.9	−0.1	−0.5	252	9.0	−6.6	6.9	9.6	13.2	
	16	87.8	3.2	−3.7	311	92.7	0.0	0.0	0	4.9	−3.1	3.8	5.0	7.0	**ΔH^*_{CIELAB} = 8.7**
W_d	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	**ΔE^*_{CIELAB} = 10.3**
B_d	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	
Z_d	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	**ΔH^*_{CIELAB} = 6.7**
W_d	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	**ΔE^*_{CIELAB} = 7.9**
															$R^*_{ab,m}$ = 55

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
B_d	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	***CIELAB***
	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	**ΔL^* = 95.54 − 38.21**
	6	56.1	1.3	−33.6	272	42.9	1.1	−46.3	271	−13.1	−0.1	−12.6	12.7	18.3	
	7	59.7	1.2	−30.5	272	47.4	1.0	−43.1	271	−12.2	−0.1	−12.5	12.6	17.6	**g^* = 3.5**
	8	63.3	1.1	−27.4	272	52.3	0.0	−40.0	270	−10.9	−1.0	−12.5	12.6	16.8	
Z_d	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	**f^* = 74.1**
	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	**rgb: $(B - W)_d$**
	14	84.8	0.3	−8.9	272	83.2	0.3	−12.9	271	−1.5	0.0	−3.9	4.0	4.3	
	15	88.4	0.2	−5.9	272	86.5	1.4	−9.4	278	−1.8	1.2	−3.4	3.7	4.2	
	16	92.0	0.0	−2.8	271	88.4	2.0	−6.9	286	−3.4	2.0	−4.0	4.6	5.8	**ΔH^*_{CIELAB} = 7.0**
W_d	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	**ΔE^*_{CIELAB} = 9.5**
B_d	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	
Z_d	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	**ΔH^*_{CIELAB} = 5.5**
W_d	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	**ΔE^*_{CIELAB} = 7.4**
															$R^*_{ab,m}$ = 58

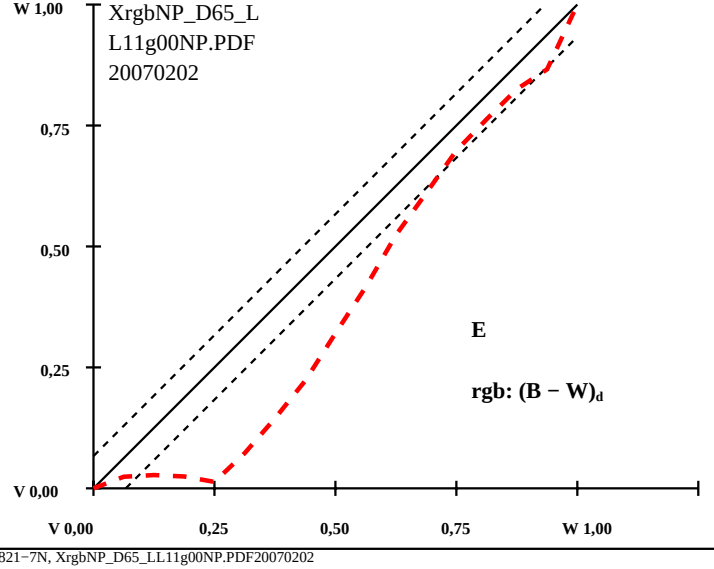
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

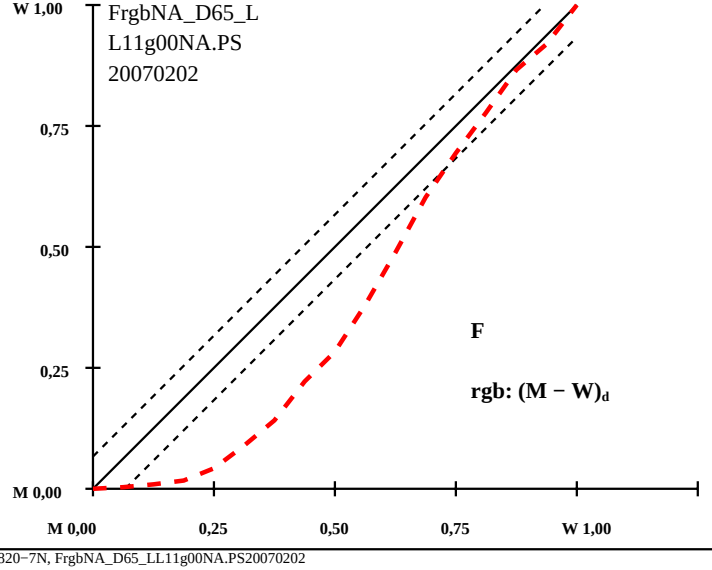
T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
M_d	1	38.7	79.2	−34.7	336	38.7	79.2	−34.7	336	0.0	0.0	0.0	0.0	0.0	
	2	42.0	74.3	−32.5	336	43.2	75.8	−35.0	335	1.2	1.6	−2.4	2.9	3.1	
	3	45.4	69.3	−30.4	336	48.1	70.5	−34.0	334	2.6	1.2	−3.5	3.8	4.7	
	4	48.8	64.4	−28.2	336	52.5	64.8	−32.4	333	3.7	0.5	−4.1	4.2	5.6	***CIELAB***
	5	52.2	59.4	−26.0	336	56.7	58.8	−30.6	332	4.5	−0.5	−4.5	4.6	6.5	**ΔL^* = 92.69 − 38.67**
	6	55.6	54.5	−23.8	336	60.1	53.8	−28.9	332	4.5	−0.5	−5.0	5.1	6.8	
	7	58.9	49.5	−21.7	336	63.4	48.7	−26.8	331	4.5	−0.7	−5.0	5.2	6.9	**g^* = 39.4**
	8	62.3	44.6	−19.5	336	67.5	42.5	−23.9	331	5.2	−1.9	−4.3	4.9	7.1	
Z_d	9	65.7	39.6	−17.3	336	71.2	36.7	−21.2	330	5.5	−2.8	−3.8	4.9	7.4	
	10	69.1	34.6	−15.1	336	75.0	30.7	−18.1	329	5.9	−3.8	−2.9	4.9	7.7	**f^* = 69.8**
	11	72.4	29.7	−13.0	336	78.6	24.7	−14.9	329	6.2	−4.9	−1.9	5.4	8.2	
	12	75.8	24.8	−10.8	336	82.1	18.7	−11.5	328	6.3	−5.9	−0.6	6.1	8.8	
	13	79.2	19.8	−8.6	336	85.6	12.7	−8.0	327	6.4	−7.0	0.6	7.1	9.6	**rgb: $(M - W)_d$**
	14	82.6	14.8	−6.4	336	89.2	6.5	−4.1	327	6.6	−8.2	2.3	8.7	10.9	
	15	85.9	9.9	−4.3	336	92.4	0.5	−0.2	329	6.5	−9.3	4.1	10.2	12.1	
	16	89.3	4.9	−2.1	336	92.7	0.0	0.0	0	3.3	−4.8	2.2	5.4	6.4	**ΔH^*_{CIELAB} = 4.9**
W_d	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	**ΔE^*_{CIELAB} = 6.6**
M_d	18	38.7	79.2	−34.7	336	38.7	79.2	−34.7	336	0.0	0.0	0.0	0.0	0.0	
	19	52.2	59.4	−26.0	336	56.7	58.8	−30.6	332	4.5	−0.5	−4.5	4.6	6.5	
Z_d	20	65.7	39.6	−17.3	336	71.2	36.7	−21.2	330	5.5	−2.8	−3.8	4.9	7.4	
	21	79.2	19.8	−8.6	336	85.6	12.7	−8.0	327	6.4	−7.0	0.6	7.1	9.6	**ΔH^*_{CIELAB} = 3.3**
W_d	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	**ΔE^*_{CIELAB} = 4.7**
															$R^*_{ab,m}$ = 72

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
M_d	1	46.1	71.3	−6.3	355	46.1	71.3	−6.3	355	0.0	0.0	0.0	0.0	0.0	
	2	49.2	66.8	−5.9	355	46.3	71.4	−6.5	355	−2.8	4.6	−0.5	4.6	5.4	
	3	52.3	62.4	−5.5	355	46.7	70.9	−6.7	355	−5.5	8.5	−1.1	8.6	10.3	
	4	55.4	57.9	−5.1	355	47.0	70.4	−7.1	354	−8.3	12.5	−1.9	12.6	15.2	***CIELAB***
	5	58.5	53.5	−4.7	355	47.4	68.7	−8.6	353	−11.0	15.2	−3.8	15.7	19.2	**ΔL^* = 95.45 − 46.14**
	6	61.5	49.0	−4.3	355	48.8	65.4	−10.6	351	−12.6	16.4	−6.2	17.6	21.7	
	7	64.6	44.6	−3.9	355	51.1	61.0	−10.8	350	−13.4	16.4	−6.8	17.8	22.4	**g^* = 6.3**
	8	67.7	40.1	−3.5	355	55.2	55.1	−11.6	348	−12.5	15.0	−8.0	17.0	21.2	
Z_d	9	70.8	35.7	−3.1	355	58.8	50.7	−11.1	348	−11.9	15.1	−7.9	17.0	20.9	
	10	73.9	31.2	−2.7	355	63.9	43.8	−10.6	346	−9.9	12.6	−7.8	14.9	17.9	**f^* = 63.7**
	11	77.0	26.7	−2.3	355	69.2	35.8	−9.3	345	−7.7	9.1	−6.9	11.5	13.8	
	12	80.0	22.3	−1.9	355	74.3	27.2	−8.7	342	−5.7	4.9	−6.7	8.4	10.2	
	13	83.1	17.8	−1.5	355	78.1	20.2	−8.4	337	−4.9	2.4	−6.8	7.3	8.8	**rgb: $(M - W)_d$**
	14	86.2	13.4	−1.1	355	82.0	14.0	−7.8	331	−4.1	0.6	−6.6	6.7	7.9	
	15	89.3	8.9	−0.7	355	86.4	7.7	−6.5	319	−2.8	−1.1	−5.7	5.9	6.6	
	16	92.4	4.5	−0.3	355	89.9	4.5	−4.3	316	−2.3	0.0	−3.9	4.0	4.7	**ΔH^*_{CIELAB} = 10.0**
W_d	17	95.5	0.0	0.0	0	95.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	**ΔE^*_{CIELAB} = 12.1**
M_d	18	46.1	71.3	−6.3	355	46.1	71.3	−6.3	355	0.0	0.0	0.0	0.0	0.0	
	19	58.5	53.5	−4.7	355	47.4	68.7	−8.6	353	−11.0	15.2	−3.8	15.7	19.2	
Z_d	20	70.8	35.7	−3.1	355	58.8	50.7	−11.1	348	−11.9	15.1	−7.9	17.0	20.9	
	21	83.1	17.8	−1.5	355	78.1	20.2	−8.4	337	−4.9	2.4	−6.8	7.3	8.8	**ΔH^*_{CIELAB} = 8.0**
W_d	22	95.5	0.0	0.0	0	95.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	**ΔE^*_{CIELAB} = 9.8**
															$R^*_{ab,m}$ = 47

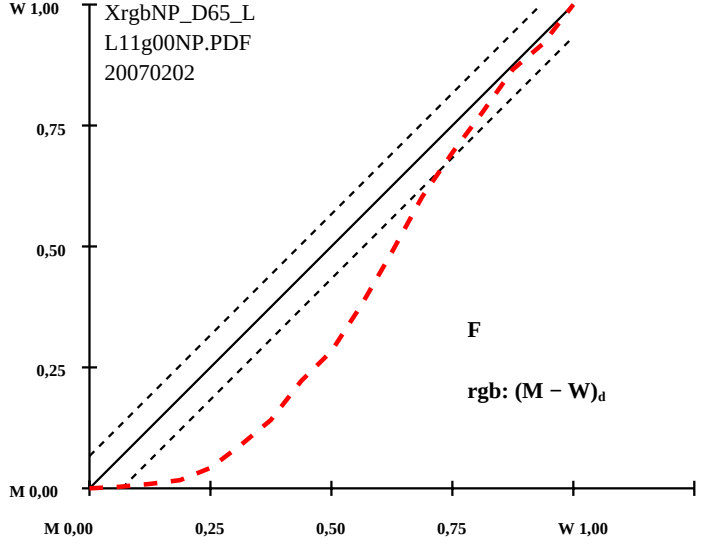
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	1	8.7	0.0	0.0	0	8.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	2	13.9	0.0	0.0	0	13.9	0.7	−2.5	285	0.0	0.7	−2.5	2.7	2.7
	3	19.1	0.0	0.0	0	20.8	−0.2	−3.9	266	1.6	−0.2	−3.9	4.0	4.3
	4	24.4	0.0	0.0	0	27.4	−1.8	−3.0	238	3.0	−1.8	−3.0	3.6	4.7
	5	29.6	0.0	0.0	0	34.4	−2.2	−3.4	237	4.7	−2.2	−3.4	4.2	6.3
	6	34.9	0.0	0.0	0	40.2	−2.7	−1.7	213	5.3	−2.7	−1.7	3.3	6.2
	7	40.1	0.0	0.0	0	45.9	−3.1	−1.5	207	5.7	−3.1	−1.5	3.6	6.7
	8	45.4	0.0	0.0	0	52.0	−3.9	−1.1	197	6.6	−3.9	−1.1	4.2	7.8
Z_d	9	50.6	0.0	0.0	0	57.5	−3.9	−1.5	202	6.9	−3.9	−1.5	4.3	8.1
	10	55.9	0.0	0.0	0	63.4	−3.1	−1.9	212	7.5	−3.1	−1.9	3.8	8.4
	11	61.1	0.0	0.0	0	69.1	−1.8	−2.1	229	8.0	−1.8	−2.1	2.9	8.5
	12	66.4	0.0	0.0	0	75.2	−0.6	−2.1	252	8.9	−0.6	−2.1	2.3	9.1
	13	71.6	0.0	0.0	0	81.2	0.1	−1.4	274	9.6	0.1	−1.4	1.5	9.7
	14	76.9	0.0	0.0	0	86.9	0.0	−0.1	270	10.0	0.0	−0.1	0.2	10.0
	15	82.1	0.0	0.0	0	92.0	−0.7	1.1	126	9.9	−0.7	1.1	1.4	10.0
	16	87.4	0.0	0.0	0	92.7	0.0	0.0	0	5.3	0.0	0.0	0.0	5.3
W_d	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
N_d	18	8.7	0.0	0.0	0	8.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	19	29.6	0.0	0.0	0	34.4	−2.2	−3.4	237	4.7	−2.2	−3.4	4.2	6.3
Z_d	20	50.6	0.0	0.0	0	57.5	−3.9	−1.5	202	6.9	−3.9	−1.5	4.3	8.1
	21	71.6	0.0	0.0	0	81.2	0.1	−1.4	274	9.6	0.1	−1.4	1.5	9.7
W_d	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

ΔL^* = 92.63 − 8.65

g^* = 44.4

f^* = 108.5

rgb: $(N - W)_d$

ΔH^*_{CIELAB} = 2.5

ΔE^*_{CIELAB} = 6.3

ΔH^*_{CIELAB} = 2.0

ΔE^*_{CIELAB} = 4.8

$R^*_{ab,m}$ = 72

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	1	21.7	0.0	0.0	0	21.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	2	26.3	0.0	0.0	0	22.6	0.0	0.0	0	−3.5	0.0	0.0	0.0	3.6
	3	30.9	0.0	0.0	0	24.8	0.0	0.1	90	−5.9	0.0	0.1	0.1	6.0
	4	35.5	0.0	0.0	0	29.1	0.0	0.0	0	−6.3	0.0	0.0	0.0	6.4
	5	40.1	0.0	0.0	0	34.7	0.0	0.0	0	−5.3	0.0	0.0	0.0	5.4
	6	44.7	0.0	0.0	0	40.8	0.0	0.0	0	−3.8	0.0	0.0	0.0	3.9
	7	49.3	0.0	0.0	0	45.6	0.0	0.2	90	−3.6	0.0	0.2	0.2	3.7
	8	53.9	0.0	0.0	0	52.5	0.0	0.1	90	−1.3	0.0	0.1	0.1	1.4
Z_d	9	58.6	0.0	0.0	0	58.7	0.0	0.2	90	0.1	0.0	0.2	0.2	0.2
	10	63.2	0.0	0.0	0	64.5	0.0	0.2	90	1.3	0.0	0.2	0.2	1.3
	11	67.8	0.0	0.0	0	69.4	0.0	0.2	90	1.6	0.0	0.2	0.2	1.6
	12	72.4	0.0	0.0	0	74.3	0.0	0.2	90	1.9	0.0	0.2	0.2	1.9
	13	77.0	0.0	0.0	0	79.1	0.0	0.1	90	2.1	0.0	0.1	0.1	2.1
	14	81.6	0.0	0.0	0	83.0	0.0	0.0	0	1.4	0.0	0.0	0.0	1.4
	15	86.2	0.0	0.0	0	86.4	0.0	0.1	90	0.2	0.0	0.1	0.1	0.2
	16	90.8	0.0	0.0	0	89.7	0.0	0.2	90	−1.1	0.0	0.2	0.2	1.2
W_d	17	95.5	0.0	0.0	0	95.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
N_d	18	21.7	0.0	0.0	0	21.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	19	40.1	0.0	0.0	0	34.7	0.0	0.0	0	−5.3	0.0	0.0	0.0	5.4
Z_d	20	58.6	0.0	0.0	0	58.7	0.0	0.2	90	0.1	0.0	0.2	0.2	0.2
	21	77.0	0.0	0.0	0	79.1	0.0	0.1	90	2.1	0.0	0.1	0.1	2.1
W_d	22	95.5	0.0	0.0	0	95.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0

CIELAB

ΔL^* = 95.46 − 21.66

g^* = 54.2

f^* = 95.3

rgb: $(N - W)_d$

ΔH^*_{CIELAB} = 0.1

ΔE^*_{CIELAB} = 2.4

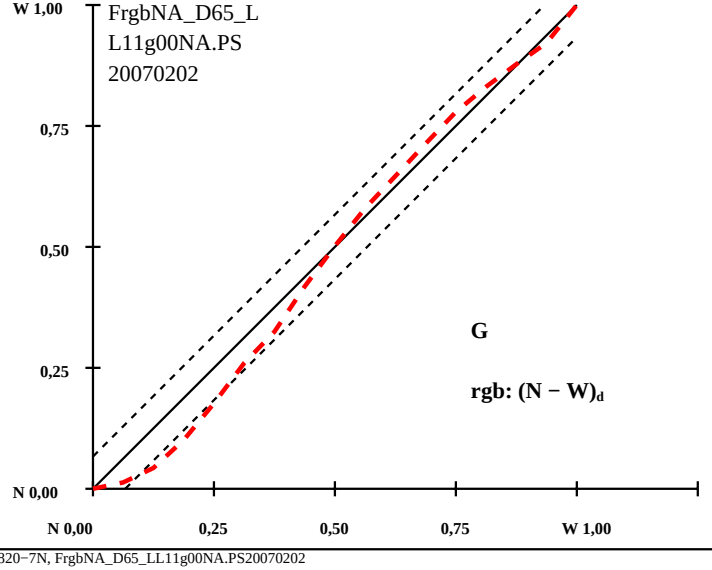
ΔH^*_{CIELAB} = 0.1

ΔE^*_{CIELAB} = 1.6

$R^*_{ab,m}$ = 90

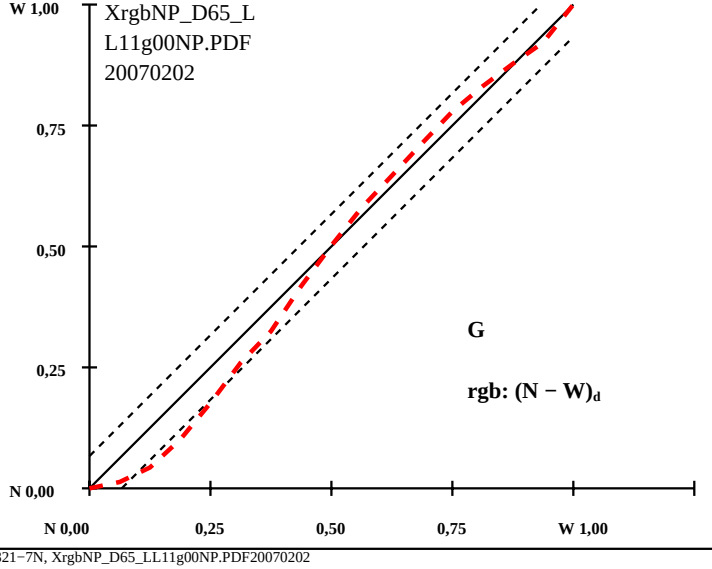
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	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
d	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
R_d	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
N_d	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
d	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_d	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

CIELAB

ΔL^* = 35.11 − 8.34

g^* = 28.8

f^* = 34.6

rgb: $(N - O)_d$

ΔH^*_{CIELAB} = 4.4

ΔE^*_{CIELAB} = 4.6

$R^*_{ab,m}$ = 80

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	1	22.0	0.0	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
d	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
R_d	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
N_d	18	22.0	0.0	0.0	0	22.0	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
d	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_d	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

CIELAB

ΔL^* = 46.32 − 22.02

g^* = 44.0

f^* = 31.4

rgb: $(N - O)_d$

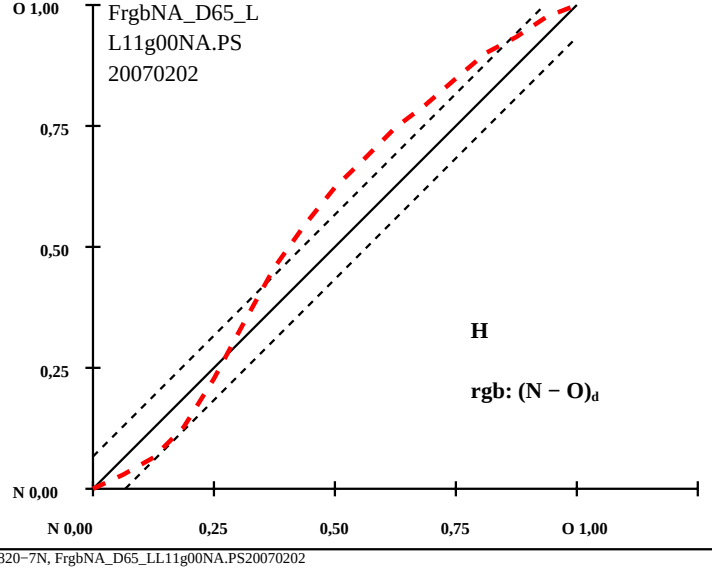
ΔH^*_{CIELAB} = 6.4

ΔE^*_{CIELAB} = 6.7

$R^*_{ab,m}$ = 71

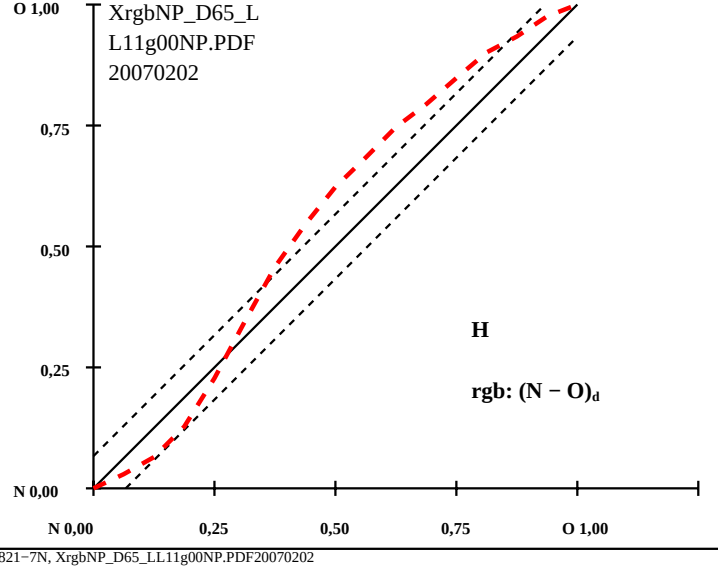
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	1	8.5	0.0	0.0	0	8.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	2	13.2	−0.2	6.9	92	13.2	−2.5	6.5	112	0.0	−2.3	−0.3	2.4	2.4
	3	18.0	−0.4	13.9	92	19.3	−6.1	15.0	112	1.3	−5.6	1.1	5.8	6.0
	4	22.7	−0.7	20.8	92	25.2	−9.1	23.7	111	2.6	−8.4	2.9	8.9	9.3
	5	27.4	−0.9	27.7	92	31.5	−11.0	31.9	109	4.1	−10.0	4.2	10.9	11.7
	6	32.1	−1.2	34.7	92	37.0	−11.8	40.1	107	4.9	−10.6	5.4	12.0	12.9
	7	36.9	−1.4	41.6	92	42.2	−12.9	47.8	105	5.3	−11.4	6.2	13.1	14.1
	8	41.6	−1.7	48.5	92	48.4	−14.0	56.5	104	6.9	−12.3	8.0	14.7	16.2
d	9	46.3	−1.9	55.5	92	53.8	−14.5	64.3	103	7.5	−12.5	8.9	15.4	17.1
	10	51.0	−2.2	62.4	92	59.1	−14.2	72.7	101	8.1	−12.0	10.3	15.9	17.8
	11	55.7	−2.4	69.3	92	64.6	−12.7	80.6	99	8.9	−10.2	11.3	15.3	17.7
	12	60.5	−2.7	76.2	92	70.0	−10.3	89.2	97	9.5	−7.6	13.0	15.0	17.8
	13	65.2	−2.9	83.2	92	75.4	−7.4	97.4	94	10.2	−4.4	14.2	14.9	18.1
	14	69.9	−3.2	90.1	92	80.0	−5.4	104.5	93	10.1	−2.2	14.4	14.6	17.7
	15	74.6	−3.4	97.0	92	83.6	−4.4	110.3	92	9.0	−0.9	13.3	13.3	16.1
	16	79.3	−3.7	104.0	92	83.9	−4.0	110.9	92	4.6	−0.2	6.9	6.9	8.3
Y_d	17	84.1	−3.9	110.9	92	84.1	−3.9	110.9	92	0.0	0.0	0.0	0.0	0.0
N_d	18	8.5	0.0	0.0	0	8.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	19	27.4	−0.9	27.7	92	31.5	−11.0	31.9	109	4.1	−10.0	4.2	10.9	11.7
d	20	46.3	−1.9	55.5	92	53.8	−14.5	64.3	103	7.5	−12.5	8.9	15.4	17.1
	21	65.2	−2.9	83.2	92	75.4	−7.4	97.4	94	10.2	−4.4	14.2	14.9	18.1
Y_d	22	84.1	−3.9	110.9	92	84.1	−3.9	110.9	92	0.0	0.0	0.0	0.0	0.0

CIELAB

ΔL^* = **84.07 − 8.52**

g^* = **37.7**

f^* = **97.6**

rgb: $(N - Y)_d$

ΔH^*_{CIELAB} = **10.5**

ΔE^*_{CIELAB} = **12.0**

ΔH^*_{CIELAB} = **8.2**

ΔE^*_{CIELAB} = **9.4**

$R^*_{ab,m}$ = **48**

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	1	22.0	0.0	0.0	0	22.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	2	26.3	−1.0	7.0	99	22.2	−0.7	2.4	108	−4.0	0.3	−4.5	4.6	6.1
	3	30.6	−2.1	14.0	99	26.2	−3.4	11.0	108	−4.3	−1.2	−2.9	3.3	5.5
	4	34.9	−3.1	20.9	99	32.4	−5.1	22.2	103	−2.4	−1.9	1.3	2.3	3.4
	5	39.2	−4.2	27.9	99	38.0	−6.9	31.3	103	−1.1	−2.6	3.4	4.3	4.5
	6	43.5	−5.3	34.9	99	43.4	−8.6	40.5	102	0.0	−3.2	5.6	6.5	6.5
	7	47.8	−6.4	41.9	99	48.4	−9.6	48.8	101	0.6	−3.1	6.9	7.6	7.7
	8	52.1	−7.4	48.9	99	53.3	−10.5	55.6	101	1.2	−3.0	6.7	7.4	7.5
d	9	56.4	−8.5	55.9	99	58.7	−11.6	63.9	100	2.3	−3.0	8.1	8.6	8.9
	10	60.7	−9.6	62.8	99	62.6	−12.3	69.9	100	1.8	−2.6	7.1	7.6	7.8
	11	65.0	−10.7	69.8	99	66.5	−12.9	75.7	100	1.4	−2.2	5.9	6.3	6.5
	12	69.3	−11.7	76.8	99	69.6	−14.0	80.1	100	0.2	−2.2	3.3	4.0	4.0
	13	73.6	−12.8	83.8	99	73.2	−14.2	85.4	100	−0.4	−1.3	1.6	2.1	2.2
	14	77.9	−13.9	90.8	99	76.2	−14.7	89.6	99	−1.6	−0.7	−1.1	1.4	2.2
	15	82.3	−15.0	97.7	99	79.0	−15.4	93.5	99	−3.1	−0.3	−4.1	4.3	5.4
	16	86.6	−16.0	104.7	99	82.7	−15.7	99.2	99	−3.8	0.3	−5.4	5.5	6.8
Y_d	17	90.9	−17.1	111.7	99	90.9	−17.1	111.7	99	0.0	0.0	0.0	0.0	0.0
N_d	18	22.0	0.0	0.0	0	22.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	19	39.2	−4.2	27.9	99	38.0	−6.9	31.3	103	−1.1	−2.6	3.4	4.3	4.5
d	20	56.4	−8.5	55.9	99	58.7	−11.6	63.9	100	2.3	−3.0	8.1	8.6	8.9
	21	73.6	−12.8	83.8	99	73.2	−14.2	85.4	100	−0.4	−1.3	1.6	2.1	2.2
Y_d	22	90.9	−17.1	111.7	99	90.9	−17.1	111.7	99	0.0	0.0	0.0	0.0	0.0

CIELAB

ΔL^* = **90.87 − 21.96**

g^* = **70.1**

f^* = **89.0**

rgb: $(N - Y)_d$

ΔH^*_{CIELAB} = **4.5**

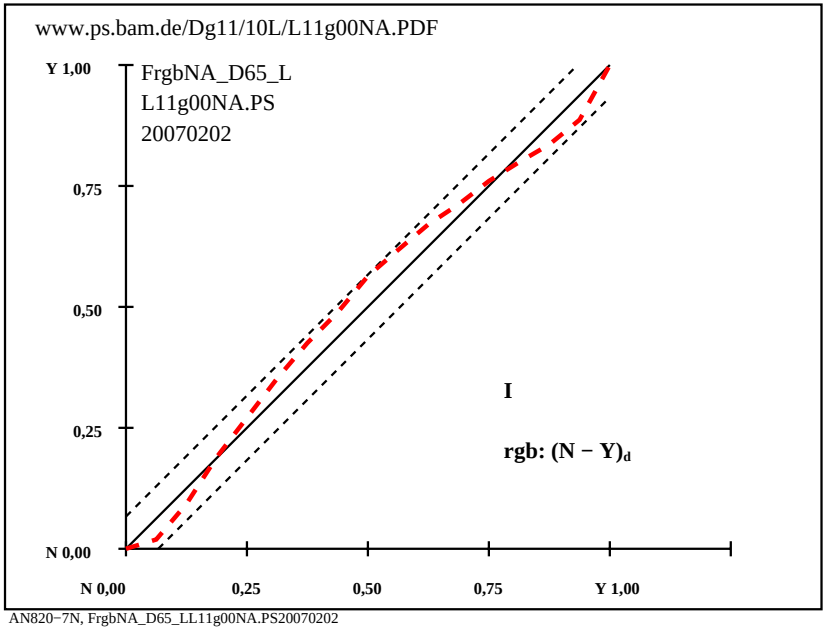
ΔE^*_{CIELAB} = **5.0**

ΔH^*_{CIELAB} = **3.0**

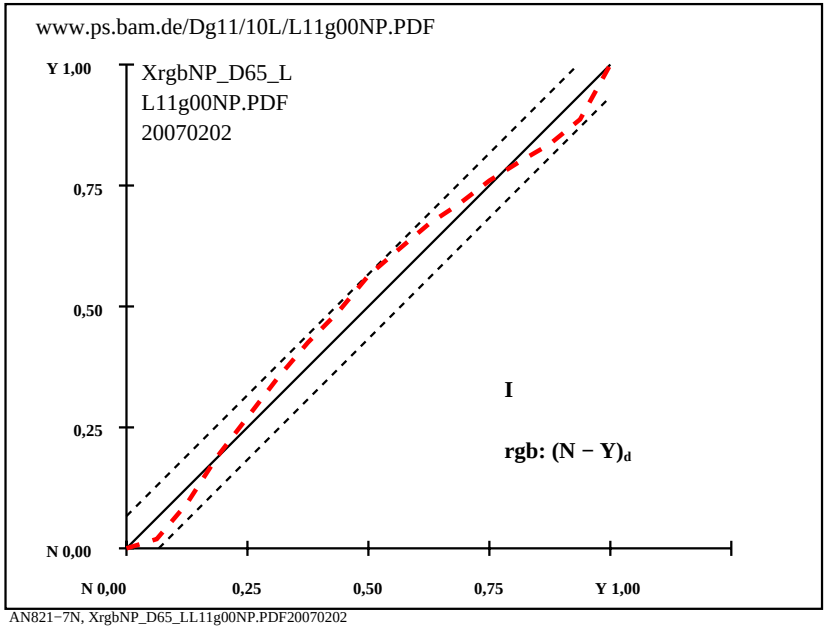
ΔE^*_{CIELAB} = **3.1**

$R^*_{ab,m}$ = **79**

AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

input: *rgb/cmy0/000n/w set...*
output: *−>rgb*$_{dd}$ *setrgbcolor*

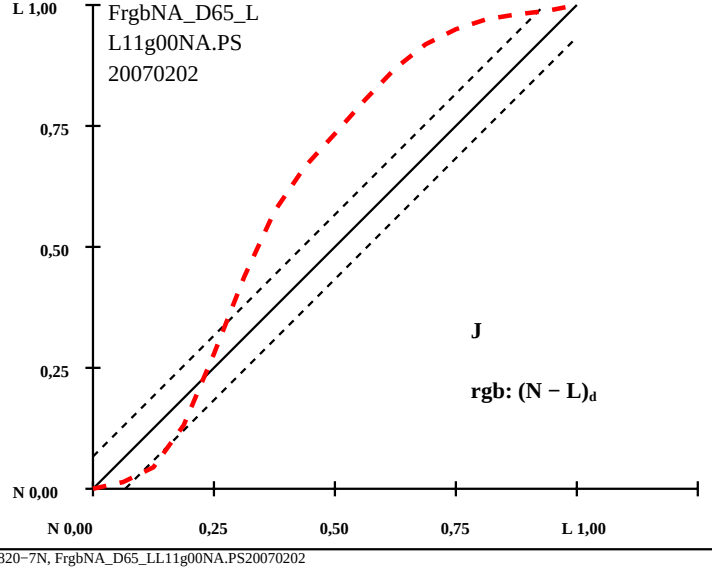
T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
N_d	1	8.5	0.1	0.0	315	8.5	0.1	0.0	315	0.0	0.0	0.0	0.0	0.0	
	2	10.7	−3.7	2.9	142	11.7	−6.3	4.0	148	1.0	−2.5	1.1	2.8	3.0	
	3	12.9	−7.5	6.0	142	15.6	−14.5	9.6	147	2.7	−6.9	3.6	7.8	8.3	
	4	15.1	−11.4	9.0	142	19.8	−22.2	15.1	146	4.7	−10.7	6.1	12.4	13.3	***CIELAB***
	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	**ΔL^* = 43.7 − 8.49**
	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	**g^* = 10.4**
	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	
d	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	
	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	**f^* = 45.5**
	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	**rgb: $(N - L)_d$**
	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	**ΔH^*_{CIELAB} = 13.5**
G_d	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	**ΔE^*_{CIELAB} = 14.6**
N_d	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	
d	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	
	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	**ΔH^*_{CIELAB} = 11.0**
G_d	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	**ΔE^*_{CIELAB} = 12.0**
															$R^*_{ab,m}$ = 36

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
N_d	1	21.9	0.0	0.0	0	21.9	0.0	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	***CIELAB***
	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	**ΔL^* = 46.01 − 21.91**
	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	**g^* = 27.7**
	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	**f^* = 31.1**
	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	**rgb: $(N - L)_d$**
	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	**ΔH^*_{CIELAB} = 10.4**
G_d	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	**ΔE^*_{CIELAB} = 10.7**
N_d	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	
d	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	
	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	**ΔH^*_{CIELAB} = 7.5**
G_d	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	**ΔE^*_{CIELAB} = 7.7**
															$R^*_{ab,m}$ = 54

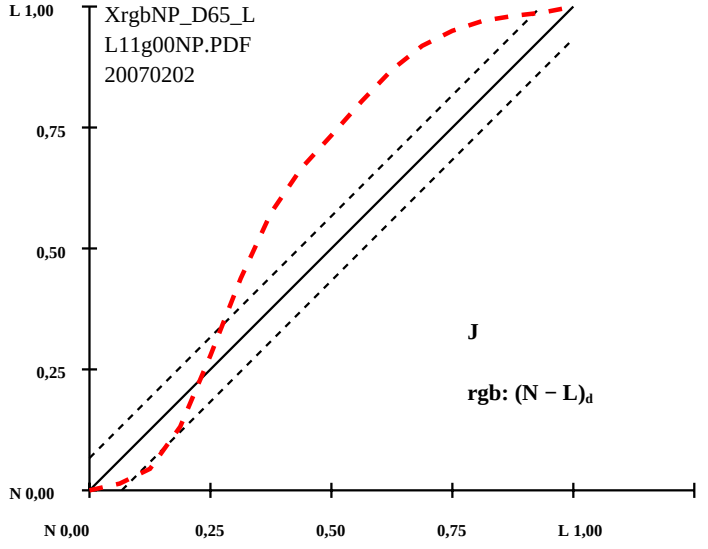
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

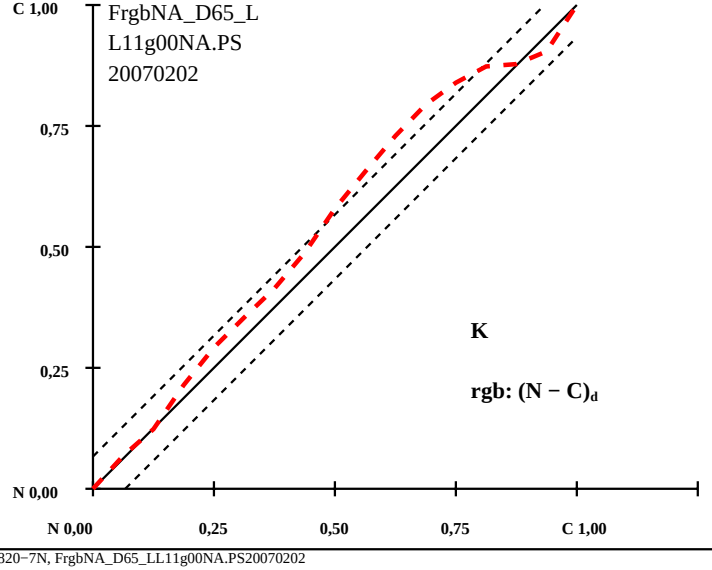
T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
N_d	1	8.8	0.1	0.0	315	8.8	0.1	0.0	315	0.0	0.0	0.0	0.0	0.0	
	2	11.6	−1.6	−2.0	230	12.3	−2.8	−4.2	236	0.7	−1.1	−2.1	2.5	2.6	
	3	14.4	−3.4	−4.0	229	17.2	−7.3	−7.4	225	2.8	−3.8	−3.3	5.2	5.9	
	4	17.2	−5.3	−5.9	228	21.8	−12.4	−8.6	215	4.6	−7.0	−2.6	7.6	8.9	***CIELAB***
	5	20.0	−7.1	−7.9	228	26.6	−15.9	−10.8	214	6.5	−8.7	−2.8	9.3	11.4	**ΔL^* = 53.56 − 8.82**
	6	22.8	−8.9	−9.9	228	30.0	−20.0	−11.4	210	7.2	−11.0	−1.4	11.2	13.3	
	7	25.6	−10.7	−11.9	228	33.5	−22.9	−12.8	209	7.9	−12.1	−0.8	12.2	14.5	**g^* = 18.1**
	8	28.4	−12.5	−13.9	228	37.3	−26.2	−14.1	208	8.9	−13.6	−0.1	13.7	16.3	
d	9	31.2	−14.4	−15.9	228	40.5	−28.1	−16.2	210	9.3	−13.7	−0.2	13.8	16.6	
	10	34.0	−16.2	−17.8	228	43.4	−29.2	−18.7	213	9.4	−12.9	−0.8	13.1	16.1	**f^* = 57.8**
	11	36.8	−18.0	−19.8	228	46.1	−29.5	−21.7	216	9.3	−11.4	−1.8	11.7	14.9	
	12	39.6	−19.8	−21.8	228	48.4	−29.5	−24.5	220	8.8	−9.6	−2.6	10.1	13.4	
	13	42.4	−21.6	−23.8	228	50.4	−29.4	−27.3	223	8.0	−7.7	−3.4	8.5	11.7	**rgb: $(N - C)_d$**
	14	45.2	−23.4	−25.8	228	52.1	−29.6	−29.1	225	6.9	−6.1	−3.2	7.0	9.8	
	15	48.0	−25.3	−27.7	228	53.4	−29.8	−30.6	226	5.5	−4.4	−2.8	5.4	7.7	
	16	50.8	−27.1	−29.7	228	53.7	−29.0	−31.6	227	3.0	−1.8	−1.8	2.7	4.0	**ΔH^*_{CIELAB} = 7.9**
C_d	17	53.6	−28.9	−31.7	228	53.6	−28.9	−31.7	228	0.0	0.0	0.0	0.0	0.0	**ΔE^*_{CIELAB} = 9.8**
N_d	18	8.8	0.1	0.0	315	8.8	0.1	0.0	315	0.0	0.0	0.0	0.0	0.0	
	19	20.0	−7.1	−7.9	228	26.6	−15.9	−10.8	214	6.5	−8.7	−2.8	9.3	11.4	
d	20	31.2	−14.4	−15.9	228	40.5	−28.1	−16.2	210	9.3	−13.7	−0.2	13.8	16.6	
	21	42.4	−21.6	−23.8	228	50.4	−29.4	−27.3	223	8.0	−7.7	−3.4	8.5	11.7	**ΔH^*_{CIELAB} = 6.3**
C_d	22	53.6	−28.9	−31.7	228	53.6	−28.9	−31.7	228	0.0	0.0	0.0	0.0	0.0	**ΔE^*_{CIELAB} = 7.9**
															$R^*_{ab,m}$ = 57

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
N_d	1	20.7	0.0	−0.2	252	20.7	0.0	−0.2	252	0.0	0.0	0.0	0.0	0.0	
	2	22.5	−0.9	−3.5	254	20.3	−1.1	−4.3	255	−2.2	−0.1	−0.7	0.8	2.4	
	3	24.4	−1.9	−6.8	254	20.6	−1.8	−7.7	256	−3.8	0.1	−0.8	0.9	4.0	
	4	26.3	−2.8	−10.1	254	22.7	−3.8	−12.9	253	−3.5	−0.9	−2.7	3.0	4.7	***CIELAB***
	5	28.2	−3.8	−13.4	254	26.0	−6.8	−16.3	247	−2.1	−3.0	−2.8	4.2	4.8	**ΔL^* = 50.86 − 20.66**
	6	30.1	−4.7	−16.7	254	27.8	−10.9	−18.1	239	−2.2	−6.1	−1.3	6.4	6.8	
	7	32.0	−5.6	−20.0	254	30.1	−15.0	−19.1	232	−1.8	−9.3	0.9	9.4	9.6	**g^* = 38.2**
	8	33.9	−6.6	−23.3	254	32.7	−17.1	−22.4	233	−1.1	−10.4	0.9	10.6	10.6	
d	9	35.8	−7.5	−26.6	254	36.5	−19.8	−26.1	233	0.7	−12.2	0.4	12.3	12.3	
	10	37.6	−8.4	−29.8	254	39.6	−21.8	−29.3	233	2.0	−13.3	0.5	13.4	13.5	**f^* = 39.0**
	11	39.5	−9.4	−33.1	254	42.6	−22.9	−33.0	235	3.1	−13.4	0.1	13.5	13.9	
	12	41.4	−10.3	−36.4	254	45.4	−24.4	−35.7	236	4.0	−14.0	0.7	14.1	14.7	
	13	43.3	−11.3	−39.7	254	46.9	−24.6	−38.5	237	3.5	−13.3	1.2	13.4	13.9	**rgb: $(N - C)_d$**
	14	45.2	−12.2	−43.0	254	48.3	−24.7	−40.3	238	3.1	−12.4	2.7	12.8	13.2	
	15	47.1	−13.1	−46.3	254	48.3	−23.6	−41.4	240	1.2	−10.4	4.9	11.6	11.6	
	16	49.0	−14.1	−49.6	254	49.3	−22.8	−43.3	242	0.4	−8.6	6.3	10.8	10.8	**ΔH^*_{CIELAB} = 8.1**
C_d	17	50.9	−15.0	−52.9	254	50.9	−15.0	−52.9	254	0.0	0.0	0.0	0.0	0.0	**ΔE^*_{CIELAB} = 8.6**
N_d	18	20.7	0.0	−0.2	252	20.7	0.0	−0.2	252	0.0	0.0	0.0	0.0	0.0	
	19	28.2	−3.8	−13.4	254	26.0	−6.8	−16.3	247	−2.1	−3.0	−2.8	4.2	4.8	
d	20	35.8	−7.5	−26.6	254	36.5	−19.8	−26.1	233	0.7	−12.2	0.4	12.3	12.3	
	21	43.3	−11.3	−39.7	254	46.9	−24.6	−38.5	237	3.5	−13.3	1.2	13.4	13.9	**ΔH^*_{CIELAB} = 6.0**
C_d	22	50.9	−15.0	−52.9	254	50.9	−15.0	−52.9	254	0.0	0.0	0.0	0.0	0.0	**ΔE^*_{CIELAB} = 6.2**
															$R^*_{ab,m}$ = 63

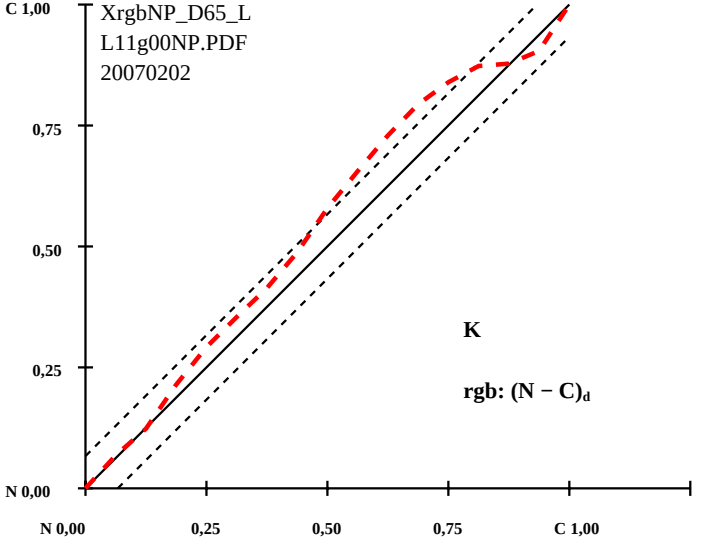
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	1	8.7	0.1	0.0	0	8.7	0.1	0.0	0	0.0	0.0	0.0	0.0	0.0
	2	9.1	3.4	−3.7	312	8.9	4.7	−8.5	299	−0.1	1.3	−4.7	5.0	5.0
	3	9.4	6.7	−7.5	311	9.4	10.2	−16.7	301	0.0	3.5	−9.1	9.9	9.9
	4	9.7	10.0	−11.3	311	9.7	14.6	−22.3	303	0.0	4.6	−10.9	11.9	11.9
	5	10.0	13.3	−15.1	311	10.9	19.0	−27.6	304	0.9	5.7	−12.4	13.8	13.8
	6	10.3	16.6	−18.9	311	10.5	23.1	−32.2	306	0.2	6.5	−13.2	14.8	14.8
	7	10.7	19.9	−22.7	311	11.0	27.0	−36.3	307	0.3	7.1	−13.5	15.4	15.4
	8	11.0	23.2	−26.5	311	11.4	31.2	−40.5	308	0.4	8.0	−13.9	16.2	16.2
d	9	11.3	26.5	−30.3	311	12.0	34.9	−44.1	308	0.7	8.4	−13.8	16.2	16.2
	10	11.6	29.8	−34.0	311	12.3	39.2	−48.1	309	0.6	9.4	−14.0	16.9	16.9
	11	11.9	33.1	−37.8	311	12.8	43.0	−51.8	310	0.9	9.9	−13.9	17.1	17.1
	12	12.3	36.4	−41.6	311	13.3	46.1	−54.7	310	1.0	9.7	−13.0	16.3	16.3
	13	12.6	39.7	−45.4	311	13.8	48.1	−56.5	310	1.2	8.4	−11.0	13.9	14.0
	14	12.9	43.0	−49.2	311	14.0	50.1	−58.3	311	1.1	7.1	−9.0	11.5	11.6
	15	13.2	46.3	−53.0	311	13.9	51.9	−59.9	311	0.7	5.6	−6.8	8.9	8.9
	16	13.6	49.6	−56.8	311	13.9	52.7	−60.5	311	0.4	3.1	−3.6	4.8	4.8
B_d	17	13.9	52.9	−60.6	311	13.9	52.9	−60.6	311	0.0	0.0	0.0	0.0	0.0
N_d	18	8.7	0.1	0.0	0	8.7	0.1	0.0	0	0.0	0.0	0.0	0.0	0.0
	19	10.0	13.3	−15.1	311	10.9	19.0	−27.6	304	0.9	5.7	−12.4	13.8	13.8
d	20	11.3	26.5	−30.3	311	12.0	34.9	−44.1	308	0.7	8.4	−13.8	16.2	16.2
	21	12.6	39.7	−45.4	311	13.8	48.1	−56.5	310	1.2	8.4	−11.0	13.9	14.0
B_d	22	13.9	52.9	−60.6	311	13.9	52.9	−60.6	311	0.0	0.0	0.0	0.0	0.0

CIELAB

$\Delta L^* =$ 13.88 − 8.73

***g^** = 4.6**

***f^** = 6.7**

rgb: $(N - V)_d$

$\Delta H^*_{CIELAB} =$ 11.3

$\Delta E^*_{CIELAB} =$ 11.3

$\Delta H^*_{CIELAB} =$ 8.8

$\Delta E^*_{CIELAB} =$ 8.8

$R^*_{ab,m} =$ 50

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	1	20.4	0.0	−0.2	252	20.4	0.0	−0.2	252	0.0	0.0	0.0	0.0	0.0
	2	21.5	0.0	−3.3	270	19.5	−0.4	−4.6	264	−1.9	−0.4	−1.2	1.4	2.5
	3	22.7	0.1	−6.3	271	19.3	−0.4	−7.8	266	−3.3	−0.5	−1.4	1.6	3.8
	4	23.8	0.1	−9.4	271	20.1	−0.8	−11.7	266	−3.6	−0.9	−2.2	2.5	4.5
	5	25.0	0.2	−12.5	271	22.1	−1.1	−17.3	266	−2.8	−1.3	−4.7	5.1	5.8
	6	26.1	0.3	−15.5	271	24.3	−0.7	−22.8	268	−1.7	−1.0	−7.2	7.4	7.6
	7	27.3	0.4	−18.6	271	25.7	0.2	−26.8	270	−1.5	−0.1	−8.1	8.2	8.4
	8	28.4	0.5	−21.6	271	27.0	0.9	−29.9	272	−1.4	0.4	−8.2	8.3	8.4
d	9	29.6	0.6	−24.7	271	27.9	1.8	−33.0	273	−1.5	1.3	−8.2	8.4	8.6
	10	30.7	0.6	−27.8	271	29.2	2.7	−35.9	274	−1.5	2.1	−8.0	8.4	8.5
	11	31.9	0.7	−30.8	271	31.0	3.8	−39.7	275	−0.8	3.1	−8.8	9.4	9.4
	12	33.1	0.8	−33.9	271	32.7	4.4	−42.9	276	−0.3	3.6	−8.9	9.7	9.7
	13	34.2	0.9	−37.0	271	33.8	5.2	−45.4	277	−0.3	4.3	−8.4	9.5	9.5
	14	35.4	1.0	−40.0	271	35.0	5.3	−47.3	276	−0.3	4.3	−7.2	8.5	8.5
	15	36.5	1.0	−43.1	271	36.6	4.2	−48.9	275	0.1	3.2	−5.7	6.6	6.6
	16	37.7	1.1	−46.1	271	37.2	3.3	−49.1	274	−0.4	2.2	−2.9	3.7	3.7
B_d	17	38.8	1.2	−49.2	271	38.8	1.2	−49.2	271	0.0	0.0	0.0	0.0	0.0
N_d	18	20.4	0.0	−0.2	252	20.4	0.0	−0.2	252	0.0	0.0	0.0	0.0	0.0
	19	25.0	0.2	−12.5	271	22.1	−1.1	−17.3	266	−2.8	−1.3	−4.7	5.1	5.8
d	20	29.6	0.6	−24.7	271	27.9	1.8	−33.0	273	−1.5	1.3	−8.2	8.4	8.6
	21	34.2	0.9	−37.0	271	33.8	5.2	−45.4	277	−0.3	4.3	−8.4	9.5	9.5
B_d	22	38.8	1.2	−49.2	271	38.8	1.2	−49.2	271	0.0	0.0	0.0	0.0	0.0

CIELAB

$\Delta L^* =$ 38.83 − 20.35

***g^** = 28.9**

***f^** = 23.9**

rgb: $(N - V)_d$

$\Delta H^*_{CIELAB} =$ 5.8

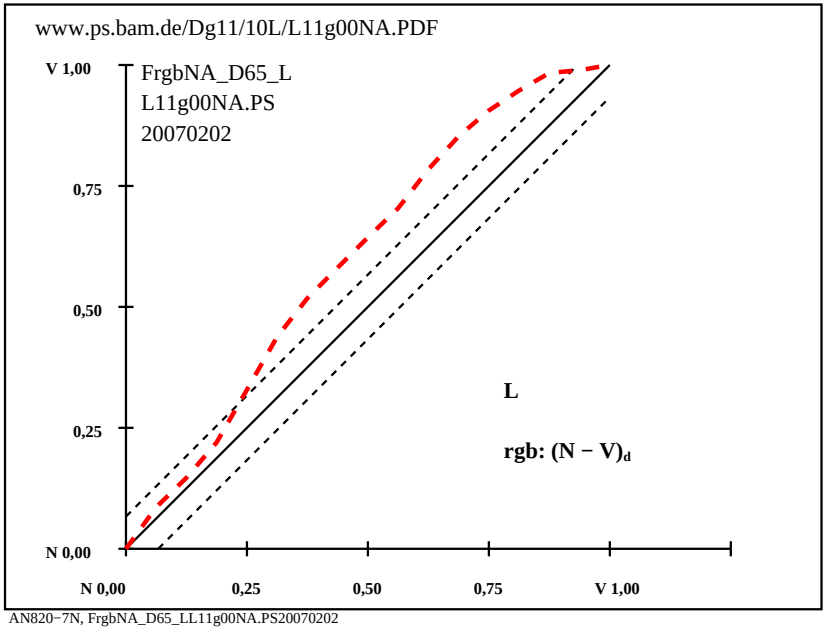
$\Delta E^*_{CIELAB} =$ 6.2

$\Delta H^*_{CIELAB} =$ 4.6

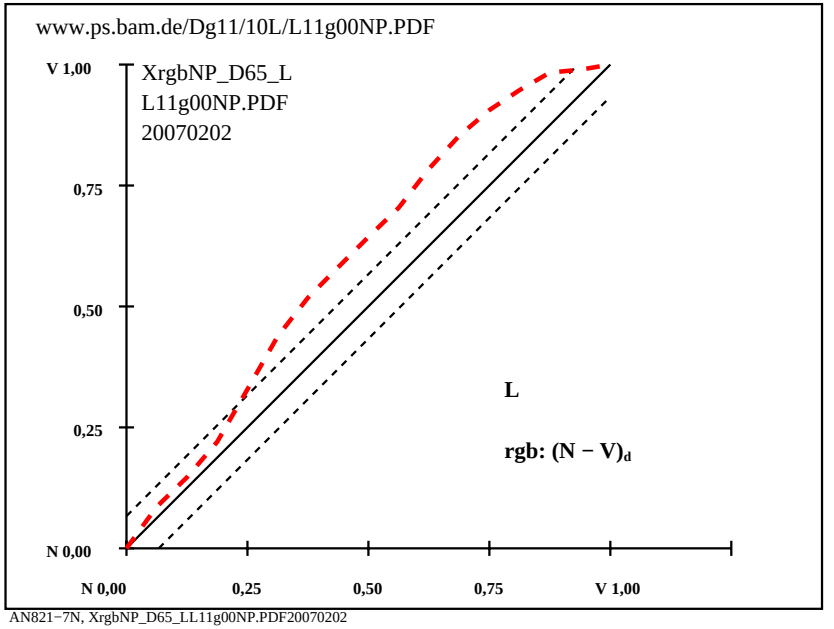
$\Delta E^*_{CIELAB} =$ 4.8

$R^*_{ab,m} =$ 73

AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	1	8.9	0.0	0.2	90	8.9	0.0	0.2	90	0.0	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
d	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
M_d	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
N_d	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
d	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
M_d	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

ΔL^* = **38.24 − 8.91**

g^* = **29.3**

f^* = **37.9**

rgb: $(N - M)_d$

ΔH^*_{CIELAB} = **12.8**

ΔE^*_{CIELAB} = **13.1**

$R^*_{ab,m}$ = **43**

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	1	20.8	0.0	−0.2	252	20.8	0.0	−0.2	252	0.0	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
d	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
M_d	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
N_d	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
d	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
M_d	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

ΔL^* = **46.19 − 20.76**

g^* = **34.3**

f^* = **32.9**

rgb: $(N - M)_d$

ΔH^*_{CIELAB} = **10.0**

ΔE^*_{CIELAB} = **10.2**

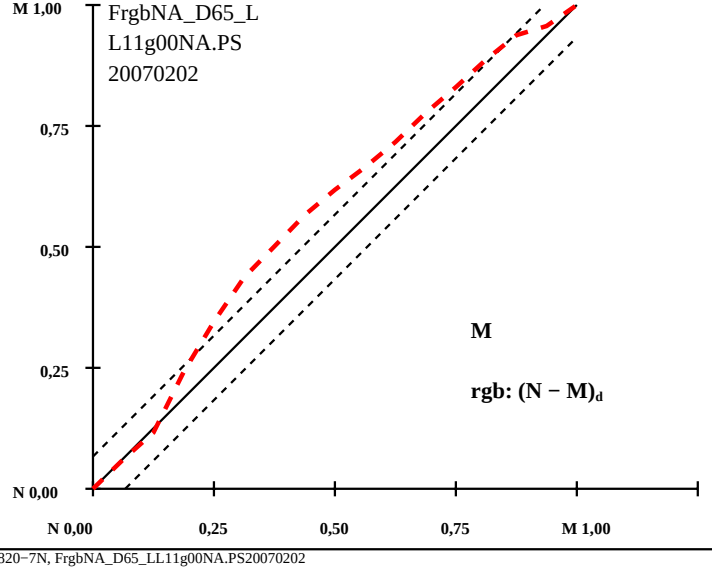
ΔH^*_{CIELAB} = **7.9**

ΔE^*_{CIELAB} = **8.1**

$R^*_{ab,m}$ = **55**

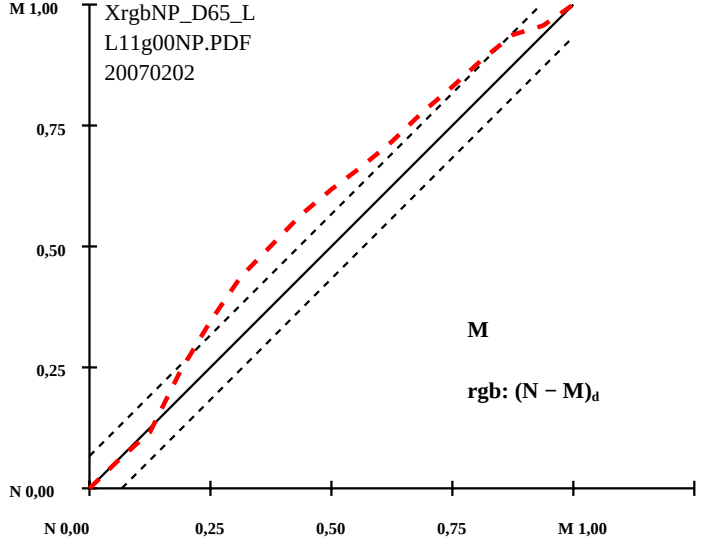
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	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_d	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_d	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_d	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_d	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_d	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

CIELAB

ΔL^* = 92.81 − 9.12

g^* = 42.5

f^* = 108.1

w: $(N - W)_d$

ΔH^*_{CIELAB} = 2.1

ΔE^*_{CIELAB} = 6.3

ΔH^*_{CIELAB} = 1.7

ΔE^*_{CIELAB} = 4.9

$R^*_{ab,m}$ = 72

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	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	0.1	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_d	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_d	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_d	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_d	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_d	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

CIELAB

ΔL^* = 95.51 − 21.27

g^* = 77.3

f^* = 95.9

w: $(N - W)_d$

ΔH^*_{CIELAB} = 0.2

ΔE^*_{CIELAB} = 1.5

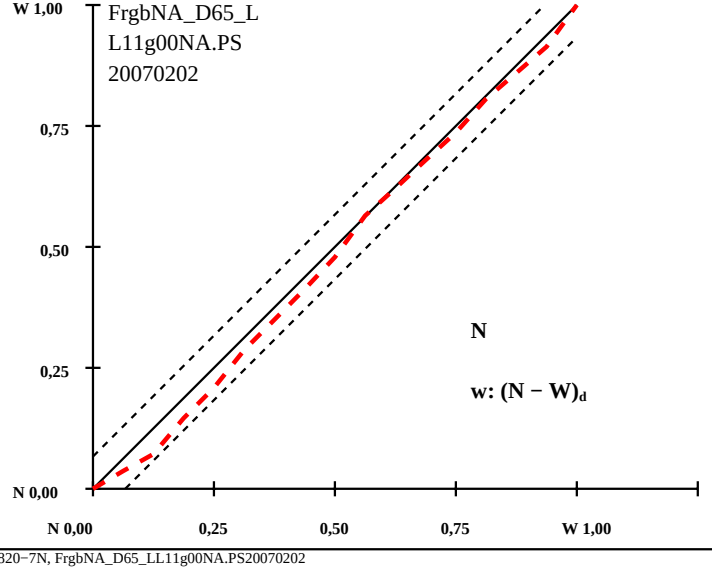
ΔH^*_{CIELAB} = 0.2

ΔE^*_{CIELAB} = 1.1

$R^*_{ab,m}$ = 94

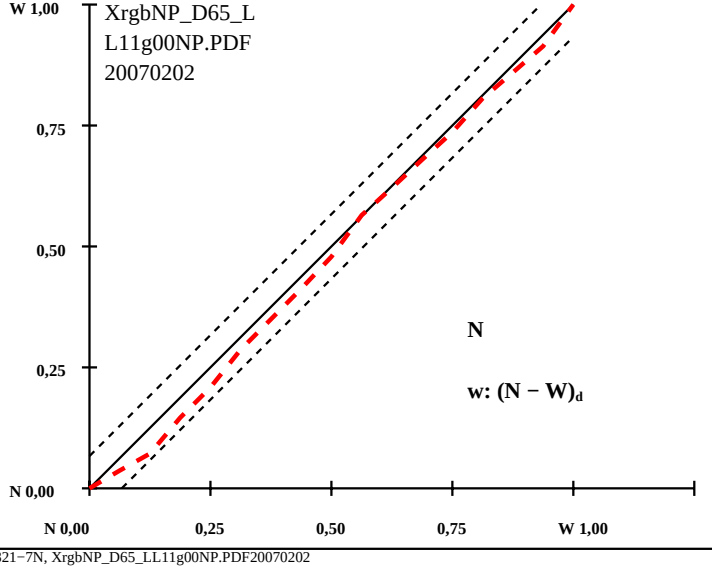
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

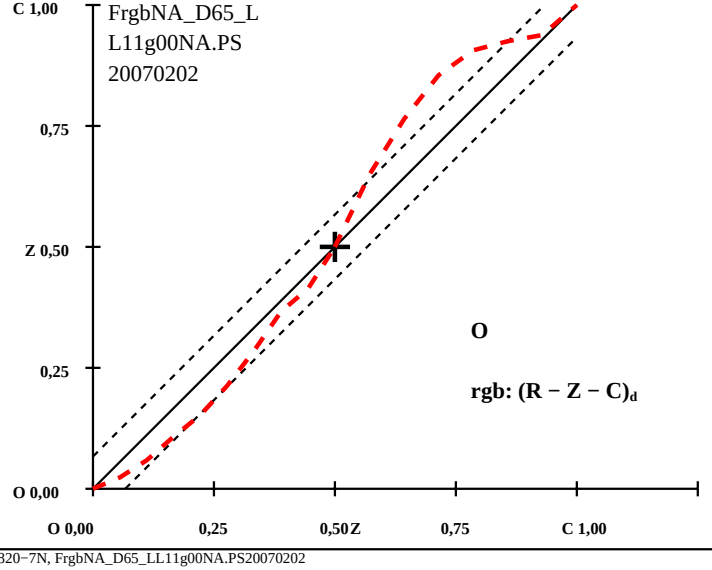
T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
R_d	1	36.2	60.8	44.5	36	36.2	60.8	44.5	36	0.0	0.0	0.0	0.0	0.0	
	2	39.0	52.7	38.9	36	40.5	57.8	37.0	33	1.6	5.1	−1.8	5.5	5.7	
	3	41.7	44.6	33.3	37	45.2	52.5	29.8	30	3.5	7.9	−3.4	8.7	9.3	
	4	44.4	36.5	27.7	37	48.6	44.3	24.8	29	4.2	7.8	−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	***g**** = **36.1**
	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_d	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	**rgb: (R − Z − C)$_d$**
	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	**Δ*H**$_{CIELAB}$ = 5.0**
C_d	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	**Δ*E**$_{CIELAB}$ = 6.1**
R_d	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_d	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	**Δ*H**$_{CIELAB}$ = 3.2**
C_d	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	**Δ*E**$_{CIELAB}$ = 4.0**

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
R_d	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	***g**** = **12.5**
	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_d	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	**rgb: (R − Z − C)$_d$**
	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	**Δ*H**$_{CIELAB}$ = 8.7**
C_d	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	**Δ*E**$_{CIELAB}$ = 9.7**
R_d	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_d	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	**Δ*H**$_{CIELAB}$ = 6.2**
C_d	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	**Δ*E**$_{CIELAB}$ = 6.9**

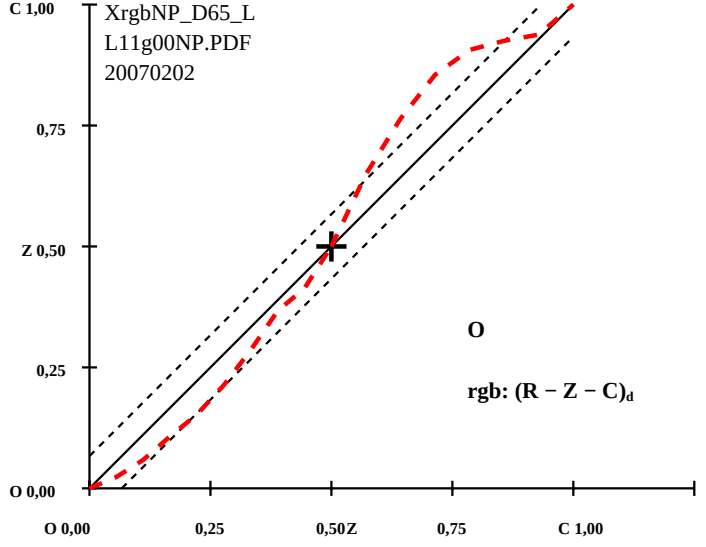
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output

TUB-materiell: code=rha4ta

input: *rgb/cmy0/000n/w set...*
output: *−>rgb*$_{dd}$ *setrgbcolor*

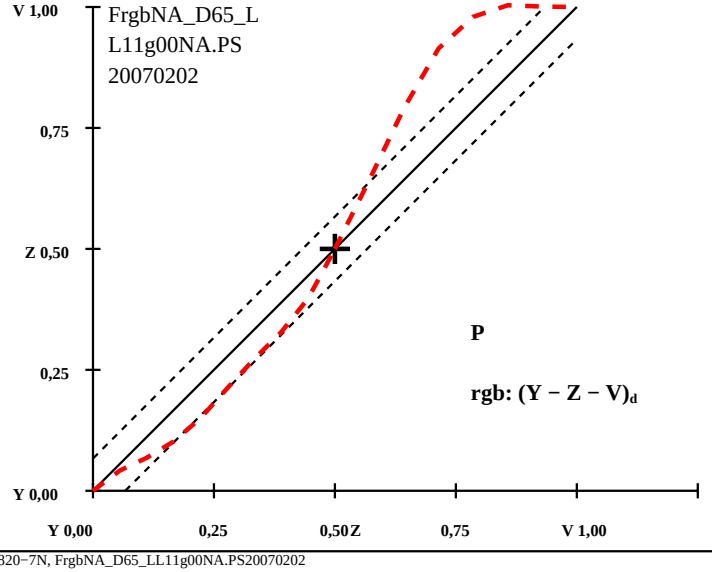
T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
Y_d	1	84.6	−3.8	110.3	92	84.6	−3.8	110.3	92	0.0	0.0	0.0	0.0	0.0	
	2	81.3	−3.8	96.5	92	85.8	−5.7	98.3	93	4.5	−1.8	1.8	2.7	5.2	
	3	78.1	−3.8	82.6	93	86.5	−7.6	85.7	95	8.4	−3.7	3.1	4.9	9.7	
	4	74.8	−3.8	68.8	93	83.1	−8.8	71.0	97	8.3	−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	***g**** = **24.8**
	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_d	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	**rgb: (Y − Z − V)$_d$**
	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	**ΔH^*_{CIELAB} = 6.3**
B_d	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	**ΔE^*_{CIELAB} = 7.4**
Y_d	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_d	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	**ΔH^*_{CIELAB} = 3.9**
B_d	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	**ΔE^*_{CIELAB} = 4.6**

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
Y_d	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	***g**** = **6.9**
	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_d	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	**rgb: (Y − Z − V)$_d$**
	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	**ΔH^*_{CIELAB} = 9.1**
B_d	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	**ΔE^*_{CIELAB} = 10.0**
Y_d	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_d	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	**ΔH^*_{CIELAB} = 6.4**
B_d	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	**ΔE^*_{CIELAB} = 7.1**

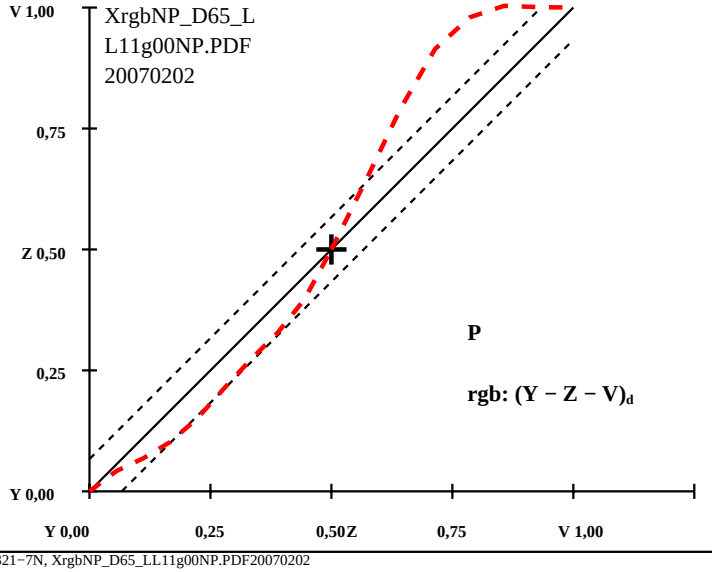
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

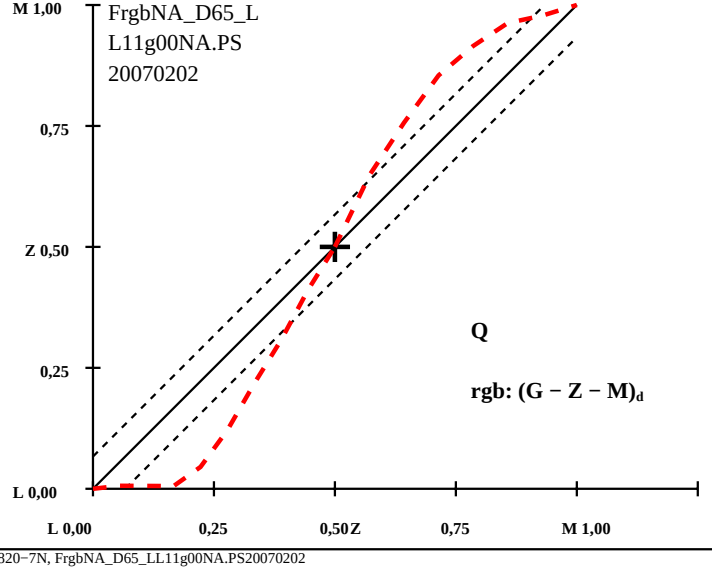
T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
G_d	1	44.9	−61.5	49.0	141	44.9	−61.5	49.0	141	0.0	0.0	0.0	0.0	0.0	
	2	46.6	−54.3	42.8	142	49.7	−59.8	45.3	143	3.0	−5.4	2.5	6.0	6.8	
	3	48.3	−47.1	36.6	142	54.3	−56.7	40.4	145	5.9	−9.5	3.8	10.3	11.9	
	4	50.0	−39.9	30.4	143	57.3	−51.4	35.8	145	7.3	−11.4	5.4	12.7	14.6	
	5	51.8	−32.7	24.3	144	59.6	−43.8	29.2	146	7.8	−11.0	5.0	12.2	14.5	
	6	53.5	−25.5	18.1	145	60.3	−35.8	24.2	146	6.8	−10.2	6.1	12.0	13.8	
	7	55.2	−18.3	11.9	147	60.3	−26.4	16.3	148	5.1	−8.0	4.4	9.2	10.6	***g**** = **6.8**
	8	56.9	−11.1	5.7	153	59.7	−15.7	8.1	153	2.8	−4.5	2.4	5.2	5.9	
Z_d	9	58.6	−3.9	−0.4	187	58.6	−3.9	−0.4	187	0.0	0.0	0.0	0.0	0.0	
	10	56.1	6.5	−4.7	324	57.3	9.3	−9.2	315	1.2	2.8	−4.5	5.4	5.5	
	11	53.5	16.9	−8.9	332	55.7	23.8	−17.3	324	2.1	6.9	−8.3	10.9	11.1	
	12	51.0	27.4	−13.2	334	54.5	37.0	−23.7	327	3.4	9.6	−10.4	14.3	14.7	
	13	48.5	37.9	−17.4	335	53.1	49.6	−28.3	330	4.6	11.8	−10.8	16.0	16.7	**rgb: (G − Z − M)$_d$**
	14	46.0	48.3	−21.7	336	50.9	60.9	−31.6	333	4.9	12.6	−9.9	16.0	16.8	
	15	43.5	58.8	−25.9	336	47.7	70.0	−33.8	334	4.2	11.2	−7.8	13.7	14.3	
	16	41.0	69.2	−30.2	336	43.0	76.2	−35.0	335	2.0	7.0	−4.7	8.5	8.7	**Δ*H**$_{CIELAB}$ = 9.0**
M_d	17	38.5	79.7	−34.4	337	38.5	79.7	−34.4	337	0.0	0.0	0.0	0.0	0.0	**Δ*E**$_{CIELAB}$ = 9.8**
G_d	18	44.9	−61.5	49.0	141	44.9	−61.5	49.0	141	0.0	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	14.5	
Z_d	20	58.6	−3.9	−0.4	187	58.6	−3.9	−0.4	187	0.0	0.0	0.0	0.0	0.0	
	21	48.5	37.9	−17.4	335	53.1	49.6	−28.3	330	4.6	11.8	−10.8	16.0	16.7	**Δ*H**$_{CIELAB}$ = 5.6**
M_d	22	38.5	79.7	−34.4	337	38.5	79.7	−34.4	337	0.0	0.0	0.0	0.0	0.0	**Δ*E**$_{CIELAB}$ = 6.2**

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
G_d	1	47.5	−66.6	39.0	150	47.5	−66.6	39.0	150	0.0	0.0	0.0	0.0	0.0	
	2	48.8	−58.3	34.1	150	47.8	−65.5	38.7	149	−0.9	−7.1	4.6	8.6	8.6	
	3	50.1	−49.9	29.3	150	47.5	−66.1	38.0	150	−2.5	−16.1	8.7	18.4	18.6	
	4	51.4	−41.6	24.4	150	48.0	−65.8	38.5	150	−3.3	−24.1	14.1	28.0	28.2	
	5	52.7	−33.3	19.6	150	48.9	−58.8	35.8	149	−3.7	−25.5	16.3	30.3	30.5	
	6	54.0	−24.9	14.7	150	50.7	−47.1	27.3	150	−3.2	−22.1	12.6	25.5	25.7	
	7	55.3	−16.6	9.8	149	53.9	−31.5	18.3	150	−1.3	−14.8	8.5	17.2	17.2	***g**** = **8.5**
	8	56.6	−8.2	5.0	149	58.0	−15.1	13.8	138	1.4	−6.8	8.8	11.2	11.3	
Z_d	9	57.9	0.0	0.1	90	57.9	0.0	0.1	90	0.0	0.0	0.0	0.0	0.0	
	10	56.4	8.9	−0.5	356	51.9	9.7	−10.6	312	−4.5	0.8	−10.0	10.1	11.1	
	11	54.9	17.9	−1.3	356	45.7	24.8	−17.1	325	−9.2	6.9	−15.7	17.3	19.6	
	12	53.4	26.8	−2.0	355	42.7	37.7	−19.1	333	−10.6	10.9	−17.0	20.3	22.9	
	13	51.9	35.8	−2.8	355	41.0	50.6	−17.3	341	−10.8	14.8	−14.5	20.8	23.5	**rgb: (G − Z − M)$_d$**
	14	50.4	44.7	−3.5	355	41.4	59.2	−14.0	347	−8.9	14.5	−10.4	17.9	20.1	
	15	48.9	53.6	−4.2	355	43.7	66.0	−11.3	350	−5.1	12.4	−7.0	14.3	15.2	
	16	47.4	62.6	−5.0	355	44.0	68.3	−8.5	353	−3.3	5.7	−3.4	6.7	7.5	**Δ*H**$_{CIELAB}$ = 14.5**
M_d	17	45.9	71.5	−5.7	355	45.9	71.5	−5.7	355	0.0	0.0	0.0	0.0	0.0	**Δ*E**$_{CIELAB}$ = 15.3**
G_d	18	47.5	−66.6	39.0	150	47.5	−66.6	39.0	150	0.0	0.0	0.0	0.0	0.0	
	19	52.7	−33.3	19.6	150	48.9	−58.8	35.8	149	−3.7	−25.5	16.3	30.3	30.5	
Z_d	20	57.9	0.0	0.1	90	57.9	0.0	0.1	90	0.0	0.0	0.0	0.0	0.0	
	21	51.9	35.8	−2.8	355	41.0	50.6	−17.3	341	−10.8	14.8	−14.5	20.8	23.5	**Δ*H**$_{CIELAB}$ = 10.2**
M_d	22	45.9	71.5	−5.7	355	45.9	71.5	−5.7	355	0.0	0.0	0.0	0.0	0.0	**Δ*E**$_{CIELAB}$ = 10.8**

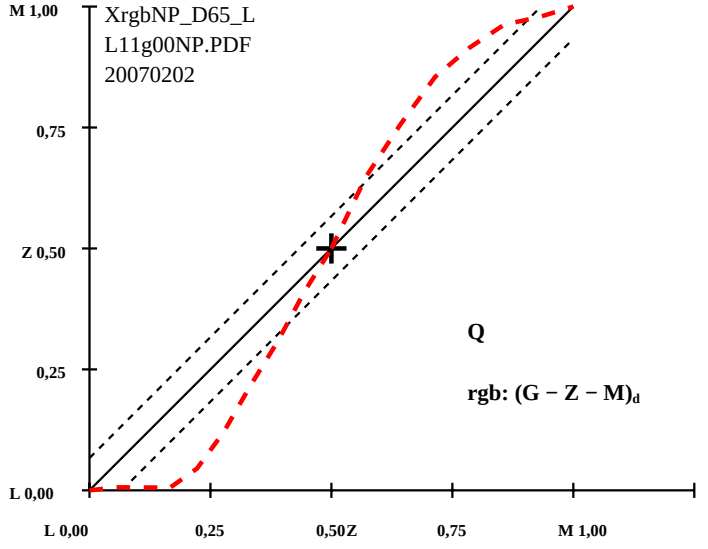
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

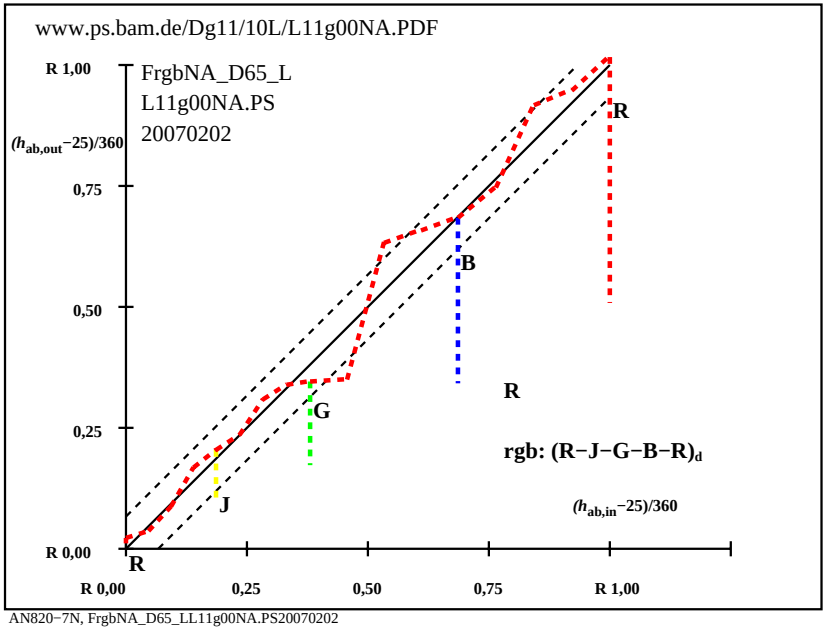
TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

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	**rgb: (R−J−G−B−R)$_d$**
	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	**ΔH^*_{CIELAB} = 23.8**
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	**ΔE^*_{CIELAB} = 26.9**
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	**ΔH^*_{CIELAB} = 20.8**
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	**ΔE^*_{CIELAB} = 25.1**

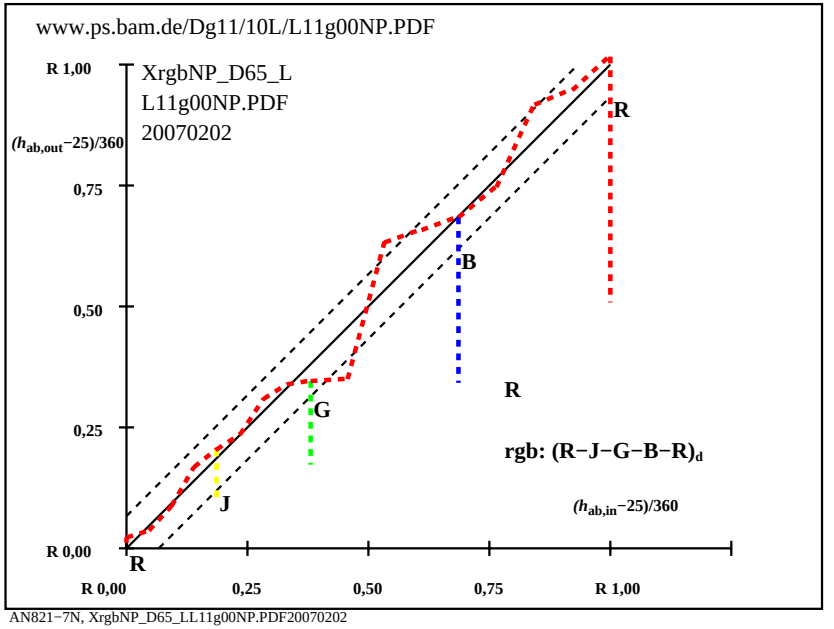
AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

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	**rgb: (R−J−G−B−R)$_d$**
	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	**ΔH^*_{CIELAB} = 14.6**
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	**ΔE^*_{CIELAB} = 15.7**
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	**ΔH^*_{CIELAB} = 10.1**
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	**ΔE^*_{CIELAB} = 12.0**

AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output

TUB-materiell: code=rha4ta

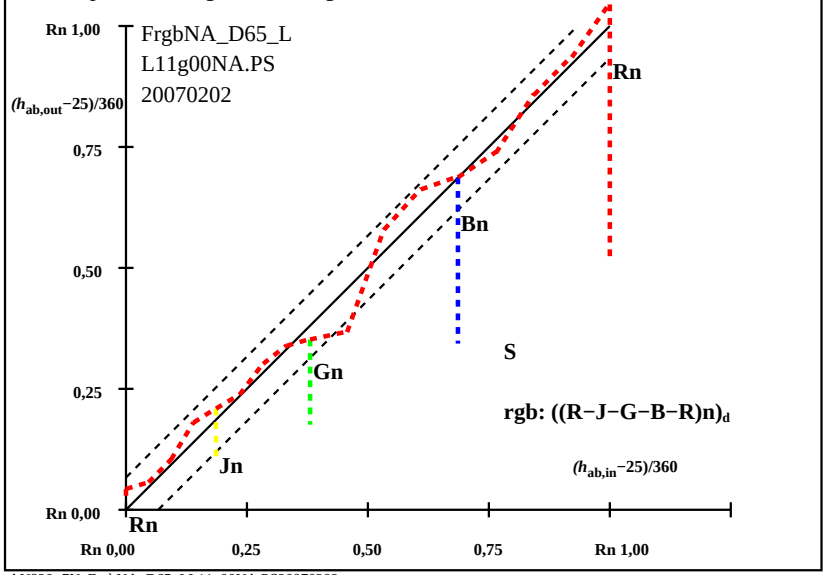
T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out−ref			ΔH*	ΔE*	
R	1	22.5	32.1	14.9	25	24.2	35.8	24.5	34	1.7	3.7	9.6	10.3	10.4	
	2	24.2	27.8	24.8	42	47.6	−2.3	55.8	92	23.4	−30.1	31.0	43.3	49.2	
	3	30.0	20.0	32.7	59	40.4	9.2	45.9	79	10.4	−10.7	13.2	17.1	20.0	
	4	36.7	11.0	41.8	75	31.9	23.1	34.8	56	−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	**rgb: ((R−J−G−B−R)n)$_d$**
	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	ΔH^*_{CIELAB} = **21.3**
R	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	ΔE^*_{CIELAB} = **23.8**
R	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	
J	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	
G	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	ΔH^*_{CIELAB} = **21.4**
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	ΔE^*_{CIELAB} = **24.2**

AN820−3N, 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	**rgb: ((R−J−G−B−R)n)$_d$**
	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	ΔH^*_{CIELAB} = **15.3**
R	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	ΔE^*_{CIELAB} = **16.6**
R	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	
J	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	
G	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	ΔH^*_{CIELAB} = **14.3**
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	ΔE^*_{CIELAB} = **17.6**

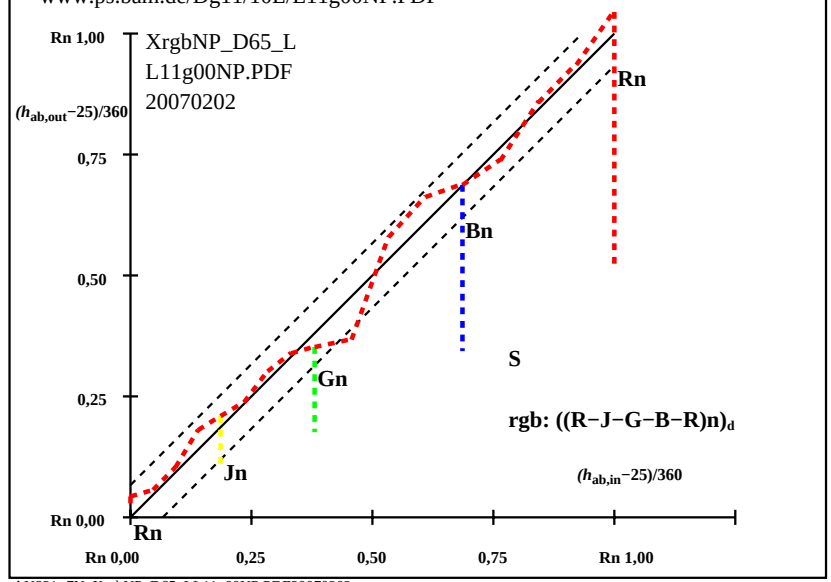
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



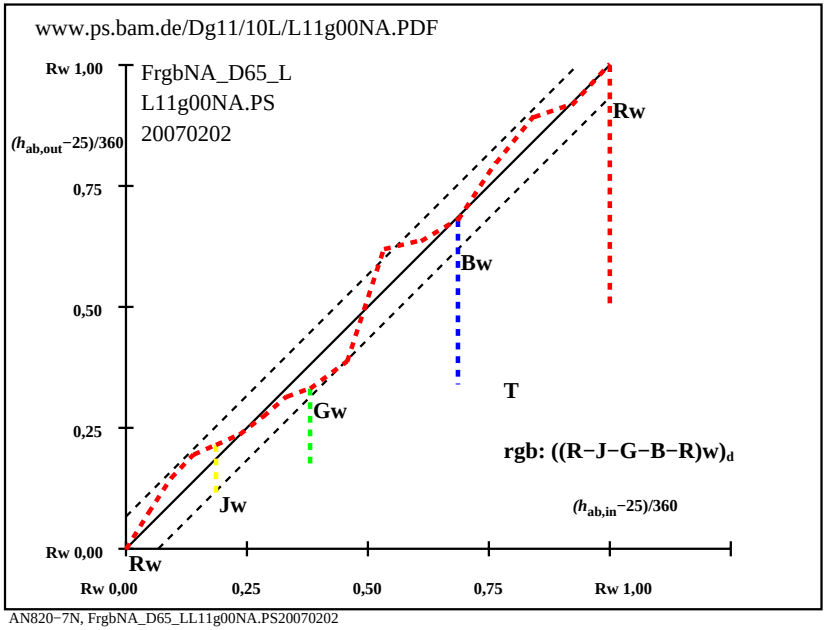
AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

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	**rgb: ((R−J−G−B−R)w)$_d$**
	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	**ΔH^*_{CIELAB} = 11.6**
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	**ΔE^*_{CIELAB} = 15.2**
R	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	**ΔH^*_{CIELAB} = 11.6**
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	**ΔE^*_{CIELAB} = 13.5**

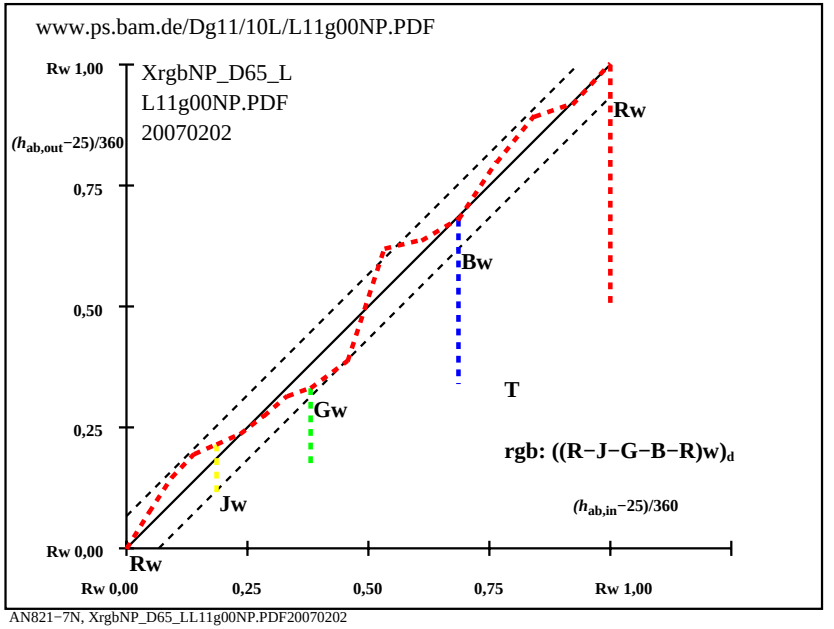
AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

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	**rgb: ((R−J−G−B−R)w)$_d$**
	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	**ΔH^*_{CIELAB} = 18.3**
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	**ΔE^*_{CIELAB} = 21.1**
R	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	**ΔH^*_{CIELAB} = 17.5**
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	**ΔE^*_{CIELAB} = 19.5**

AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	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_d	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_d	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_d	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_d	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_d	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

CIELAB

ΔL^* = **92.81 − 9.12**

g^* = **42.5**

f^* = **108.1**

000n: $(N - W)_d$

ΔH^*_{CIELAB} = **2.1**

ΔE^*_{CIELAB} = **6.3**

ΔH^*_{CIELAB} = **1.7**

ΔE^*_{CIELAB} = **4.9**

$R^*_{ab,m}$ = **72**

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	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	−2.6	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_d	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_d	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_d	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_d	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_d	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

CIELAB

ΔL^* = **95.42 − 22.63**

g^* = **74.4**

f^* = **94.0**

000n: $(N - W)_d$

ΔH^*_{CIELAB} = **0.2**

ΔE^*_{CIELAB} = **1.4**

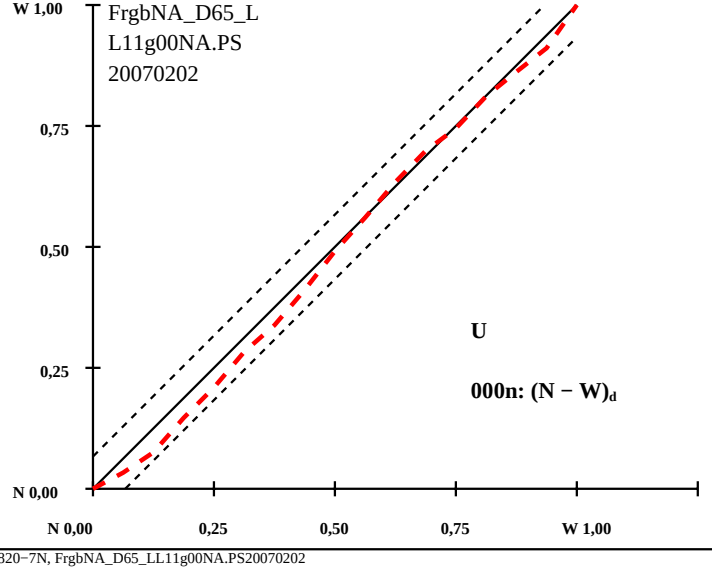
ΔH^*_{CIELAB} = **0.2**

ΔE^*_{CIELAB} = **0.8**

$R^*_{ab,m}$ = **94**

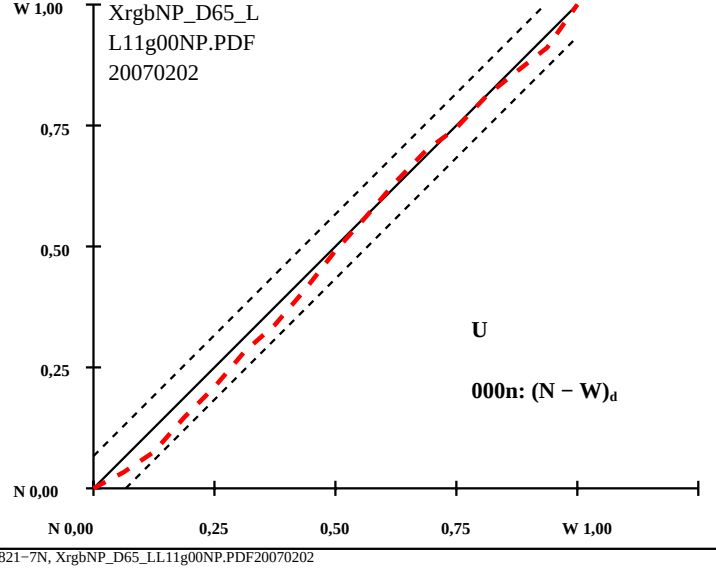
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

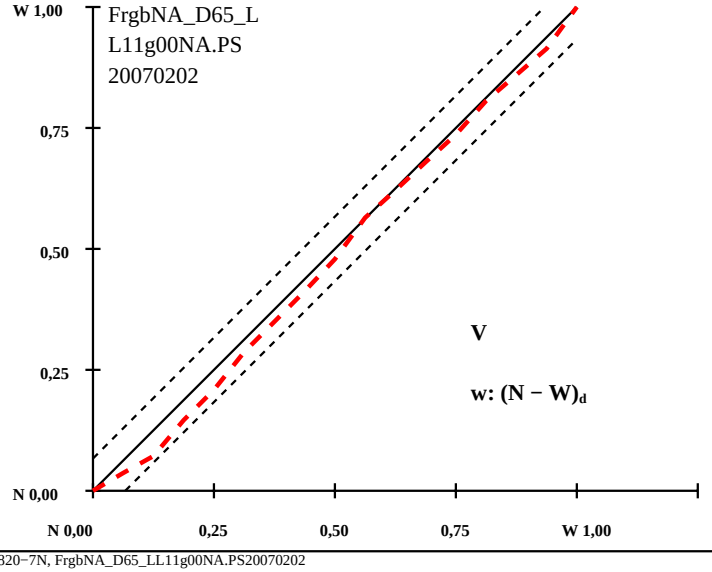
T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
N_d	1	8.7	0.0	0.0	0	8.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	
	2	13.9	0.0	0.0	0	13.9	0.7	−2.5	285	0.0	0.7	−2.5	2.7	2.7	
	3	19.1	0.0	0.0	0	20.8	−0.2	−3.9	266	1.6	−0.2	−3.9	4.0	4.3	
	4	24.4	0.0	0.0	0	27.4	−1.8	−3.0	238	3.0	−1.8	−3.0	3.6	4.7	***CIELAB***
	5	29.6	0.0	0.0	0	34.4	−2.2	−3.4	237	4.7	−2.2	−3.4	4.2	6.3	**ΔL^* = 92.63 − 8.65**
	6	34.9	0.0	0.0	0	40.2	−2.7	−1.7	213	5.3	−2.7	−1.7	3.3	6.2	
	7	40.1	0.0	0.0	0	45.9	−3.1	−1.5	207	5.7	−3.1	−1.5	3.6	6.7	**g^* = 44.4**
	8	45.4	0.0	0.0	0	52.0	−3.9	−1.1	197	6.6	−3.9	−1.1	4.2	7.8	
Z_d	9	50.6	0.0	0.0	0	57.5	−3.9	−1.5	202	6.9	−3.9	−1.5	4.3	8.1	
	10	55.9	0.0	0.0	0	63.4	−3.1	−1.9	212	7.5	−3.1	−1.9	3.8	8.4	**f^* = 108.5**
	11	61.1	0.0	0.0	0	69.1	−1.8	−2.1	229	8.0	−1.8	−2.1	2.9	8.5	
	12	66.4	0.0	0.0	0	75.2	−0.6	−2.1	252	8.9	−0.6	−2.1	2.3	9.1	
	13	71.6	0.0	0.0	0	81.2	0.1	−1.4	274	9.6	0.1	−1.4	1.5	9.7	**w: $(N - W)_d$**
	14	76.9	0.0	0.0	0	86.9	0.0	−0.1	270	10.0	0.0	−0.1	0.2	10.0	
	15	82.1	0.0	0.0	0	92.0	−0.7	1.1	126	9.9	−0.7	1.1	1.4	10.0	
	16	87.4	0.0	0.0	0	92.7	0.0	0.0	0	5.3	0.0	0.0	0.0	5.3	**ΔH^*_{CIELAB} = 2.5**
W_d	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	**ΔE^*_{CIELAB} = 6.3**
N_d	18	8.7	0.0	0.0	0	8.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	
	19	29.6	0.0	0.0	0	34.4	−2.2	−3.4	237	4.7	−2.2	−3.4	4.2	6.3	
Z_d	20	50.6	0.0	0.0	0	57.5	−3.9	−1.5	202	6.9	−3.9	−1.5	4.3	8.1	
	21	71.6	0.0	0.0	0	81.2	0.1	−1.4	274	9.6	0.1	−1.4	1.5	9.7	**ΔH^*_{CIELAB} = 2.0**
W_d	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	**ΔE^*_{CIELAB} = 4.8**
															$R^*_{ab,m}$ = 72

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*	
N_d	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	***CIELAB***
	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	**ΔL^* = 95.51 − 21.27**
	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	0.1	0.2	1.9	**g^* = 77.3**
	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_d	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	**f^* = 95.9**
	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	**w: $(N - W)_d$**
	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	**ΔH^*_{CIELAB} = 0.2**
W_d	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	**ΔE^*_{CIELAB} = 1.5**
N_d	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_d	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	**ΔH^*_{CIELAB} = 0.2**
W_d	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	**ΔE^*_{CIELAB} = 1.1**
															$R^*_{ab,m}$ = 94

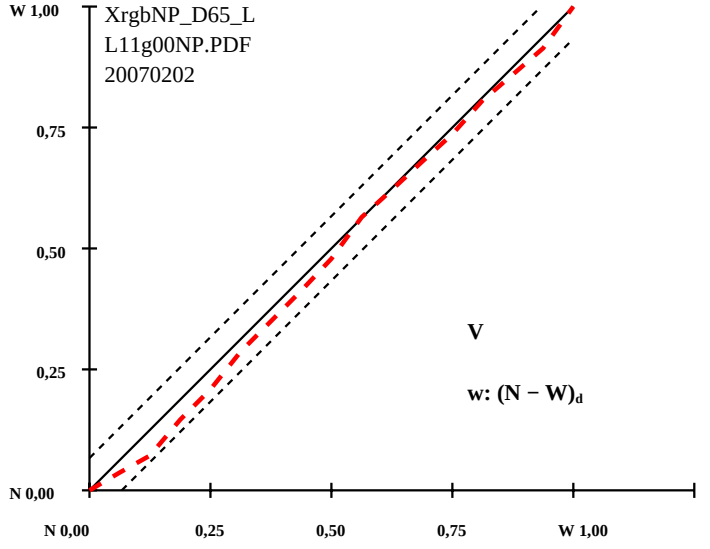
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	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_d	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_d	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_d	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_d	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_d	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

CIELAB

$\Delta L^* =$ 92.81 − 9.12

$g^* =$ 42.5

$f^* =$ 108.1

cmy0: $(N - W)_d$

$\Delta H^*_{CIELAB} =$ 2.1

$\Delta E^*_{CIELAB} =$ 6.3

$\Delta H^*_{CIELAB} =$ 1.7

$\Delta E^*_{CIELAB} =$ 4.9

$R^*_{ab,m} =$ 72

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	1	26.9	0.0	0.0	0	26.9	0.0	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_d	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_d	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_d	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_d	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_d	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 − 26.94

$g^* =$ 36.6

$f^* =$ 88.5

cmy0: $(N - W)_d$

$\Delta H^*_{CIELAB} =$ 3.9

$\Delta E^*_{CIELAB} =$ 7.7

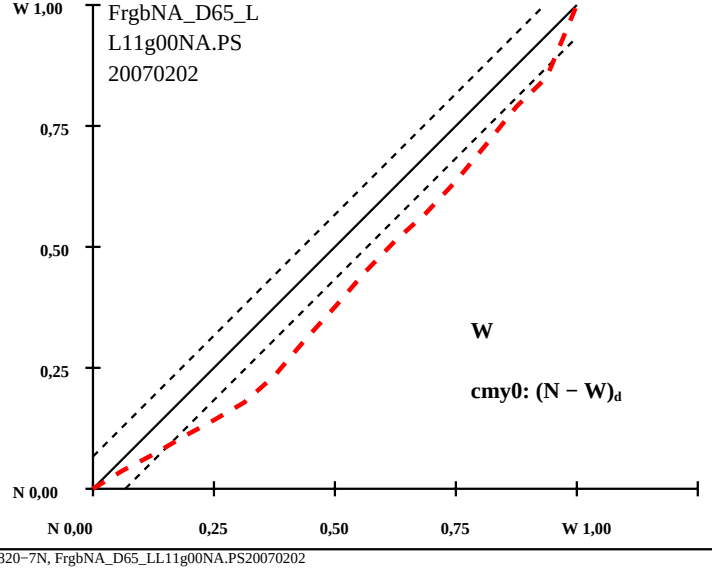
$\Delta H^*_{CIELAB} =$ 3.1

$\Delta E^*_{CIELAB} =$ 6.0

$R^*_{ab,m} =$ 66

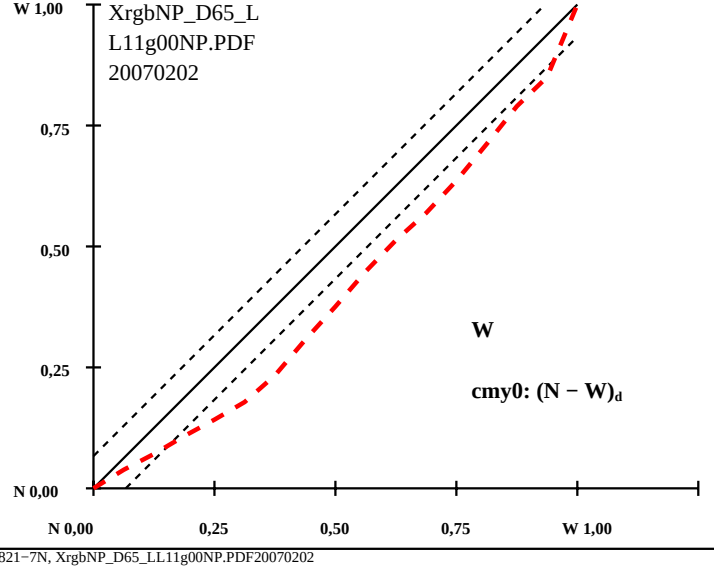
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta

T	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	1	8.7	0.0	0.0	0	8.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	2	13.9	0.0	0.0	0	13.9	0.7	−2.5	285	0.0	0.7	−2.5	2.7	2.7
	3	19.1	0.0	0.0	0	20.8	−0.2	−3.9	266	1.6	−0.2	−3.9	4.0	4.3
	4	24.4	0.0	0.0	0	27.4	−1.8	−3.0	238	3.0	−1.8	−3.0	3.6	4.7
	5	29.6	0.0	0.0	0	34.4	−2.2	−3.4	237	4.7	−2.2	−3.4	4.2	6.3
	6	34.9	0.0	0.0	0	40.2	−2.7	−1.7	213	5.3	−2.7	−1.7	3.3	6.2
	7	40.1	0.0	0.0	0	45.9	−3.1	−1.5	207	5.7	−3.1	−1.5	3.6	6.7
	8	45.4	0.0	0.0	0	52.0	−3.9	−1.1	197	6.6	−3.9	−1.1	4.2	7.8
Z_d	9	50.6	0.0	0.0	0	57.5	−3.9	−1.5	202	6.9	−3.9	−1.5	4.3	8.1
	10	55.9	0.0	0.0	0	63.4	−3.1	−1.9	212	7.5	−3.1	−1.9	3.8	8.4
	11	61.1	0.0	0.0	0	69.1	−1.8	−2.1	229	8.0	−1.8	−2.1	2.9	8.5
	12	66.4	0.0	0.0	0	75.2	−0.6	−2.1	252	8.9	−0.6	−2.1	2.3	9.1
	13	71.6	0.0	0.0	0	81.2	0.1	−1.4	274	9.6	0.1	−1.4	1.5	9.7
	14	76.9	0.0	0.0	0	86.9	0.0	−0.1	270	10.0	0.0	−0.1	0.2	10.0
	15	82.1	0.0	0.0	0	92.0	−0.7	1.1	126	9.9	−0.7	1.1	1.4	10.0
	16	87.4	0.0	0.0	0	92.7	0.0	0.0	0	5.3	0.0	0.0	0.0	5.3
W_d	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
N_d	18	8.7	0.0	0.0	0	8.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	19	29.6	0.0	0.0	0	34.4	−2.2	−3.4	237	4.7	−2.2	−3.4	4.2	6.3
Z_d	20	50.6	0.0	0.0	0	57.5	−3.9	−1.5	202	6.9	−3.9	−1.5	4.3	8.1
	21	71.6	0.0	0.0	0	81.2	0.1	−1.4	274	9.6	0.1	−1.4	1.5	9.7
W_d	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

ΔL^* = 92.63 − 8.65

g^* = 44.4

f^* = 108.5

rgb: $(N - W)_d$

ΔH^*_{CIELAB} = 2.5

ΔE^*_{CIELAB} = 6.3

ΔH^*_{CIELAB} = 2.0

ΔE^*_{CIELAB} = 4.8

$R^*_{ab,m}$ = 72

AN820−3N, FrgbNP_D65_LL11g00NA.PDF20070129

	i	LAB*a,ref			hab,ref	LAB*a,out			hab,out	LAB*a,out/c−ref			ΔH*	ΔE*
N_d	1	21.7	0.0	0.0	0	21.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	2	26.3	0.0	0.0	0	22.6	0.0	0.0	0	−3.5	0.0	0.0	0.0	3.6
	3	30.9	0.0	0.0	0	24.8	0.0	0.1	90	−5.9	0.0	0.1	0.1	6.0
	4	35.5	0.0	0.0	0	29.1	0.0	0.0	0	−6.3	0.0	0.0	0.0	6.4
	5	40.1	0.0	0.0	0	34.7	0.0	0.0	0	−5.3	0.0	0.0	0.0	5.4
	6	44.7	0.0	0.0	0	40.8	0.0	0.0	0	−3.8	0.0	0.0	0.0	3.9
	7	49.3	0.0	0.0	0	45.6	0.0	0.2	90	−3.6	0.0	0.2	0.2	3.7
	8	53.9	0.0	0.0	0	52.5	0.0	0.1	90	−1.3	0.0	0.1	0.1	1.4
Z_d	9	58.6	0.0	0.0	0	58.7	0.0	0.2	90	0.1	0.0	0.2	0.2	0.2
	10	63.2	0.0	0.0	0	64.5	0.0	0.2	90	1.3	0.0	0.2	0.2	1.3
	11	67.8	0.0	0.0	0	69.4	0.0	0.2	90	1.6	0.0	0.2	0.2	1.6
	12	72.4	0.0	0.0	0	74.3	0.0	0.2	90	1.9	0.0	0.2	0.2	1.9
	13	77.0	0.0	0.0	0	79.1	0.0	0.1	90	2.1	0.0	0.1	0.1	2.1
	14	81.6	0.0	0.0	0	83.0	0.0	0.0	0	1.4	0.0	0.0	0.0	1.4
	15	86.2	0.0	0.0	0	86.4	0.0	0.1	90	0.2	0.0	0.1	0.1	0.2
	16	90.8	0.0	0.0	0	89.7	0.0	0.2	90	−1.1	0.0	0.2	0.2	1.2
W_d	17	95.5	0.0	0.0	0	95.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
N_d	18	21.7	0.0	0.0	0	21.7	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
	19	40.1	0.0	0.0	0	34.7	0.0	0.0	0	−5.3	0.0	0.0	0.0	5.4
Z_d	20	58.6	0.0	0.0	0	58.7	0.0	0.2	90	0.1	0.0	0.2	0.2	0.2
	21	77.0	0.0	0.0	0	79.1	0.0	0.1	90	2.1	0.0	0.1	0.1	2.1
W_d	22	95.5	0.0	0.0	0	95.5	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0

CIELAB

ΔL^* = 95.46 − 21.66

g^* = 54.2

f^* = 95.3

rgb: $(N - W)_d$

ΔH^*_{CIELAB} = 0.1

ΔE^*_{CIELAB} = 2.4

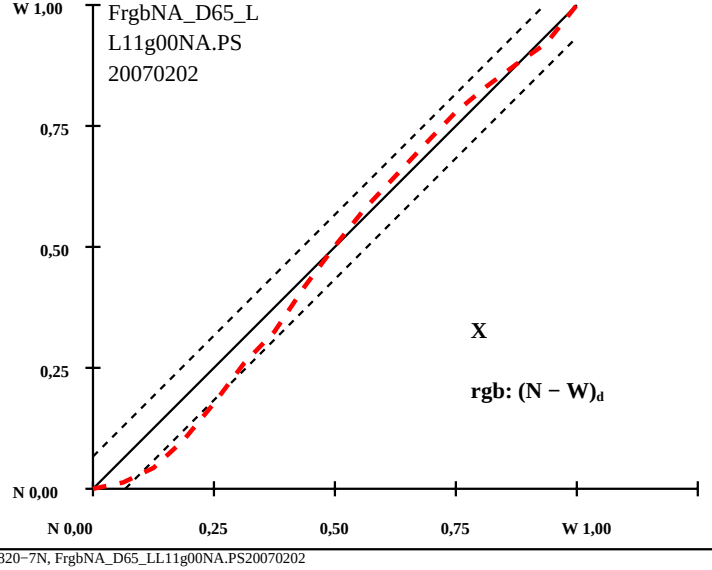
ΔH^*_{CIELAB} = 0.1

ΔE^*_{CIELAB} = 1.6

$R^*_{ab,m}$ = 90

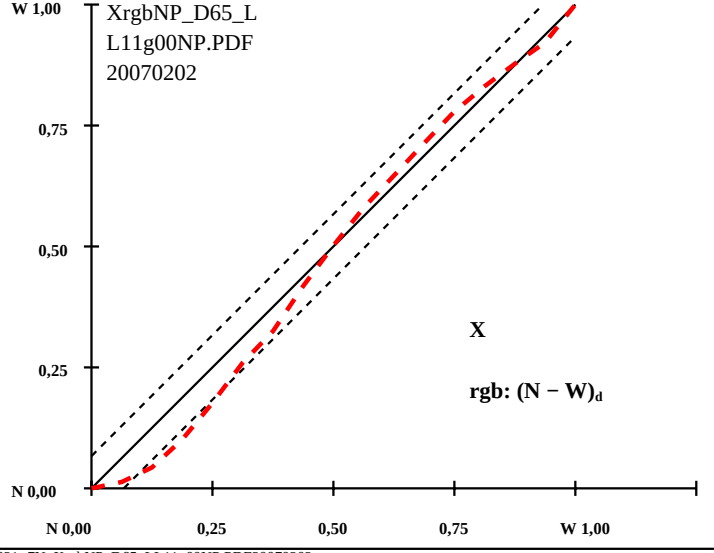
AN821−3N, XrgbNP_D65_LL11g00NP.PDF20070202

www.ps.bam.de/Dg11/10L/L11g00NA.PDF



AN820−7N, FrgbNA_D65_LL11g00NA.PS20070202

www.ps.bam.de/Dg11/10L/L11g00NP.PDF



AN821−7N, XrgbNP_D65_LL11g00NP.PDF20070202

se lignende filer: http://farbe.li.tu-berlin.de/AN82/AN82.HTM
teknisk informasjon: http://www.ps.bam.de eller http://130.149.60.45/~farbmetrik

TUB registrering: 20160501-AN82/AN82L0NP.PDF /.PS
anvendelse for måling av display output
TUB-materiell: code=rha4ta