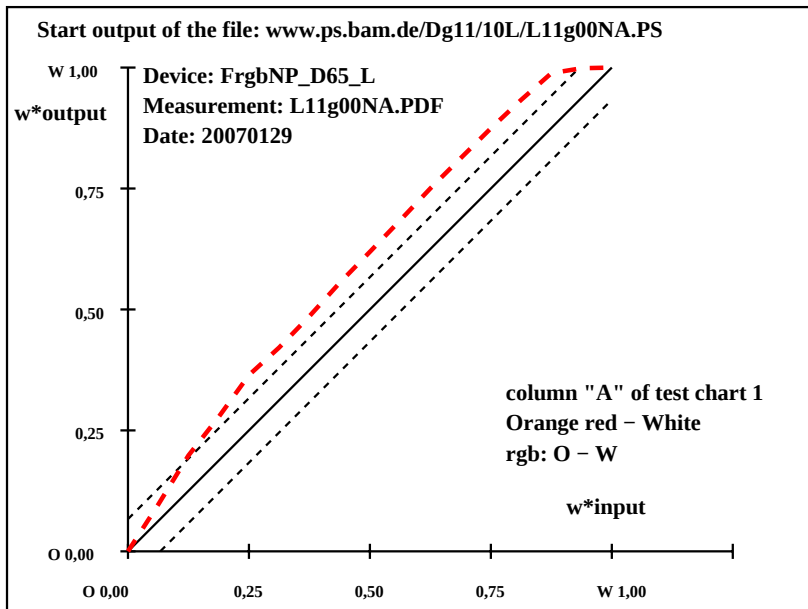


T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1						
O	1	35.9	60.7	44.5	36	35.9	60.7	44.5	36	0.0	0.0	0.0	0.0	0.0	Specification according to
	2	39.5	56.9	41.7	36	40.2	58.0	36.9	32	0.7	1.1	-4.7	4.9	5.0	ISO/IEC 15775:1999 Annex G
	3	43.0	53.1	39.0	36	45.1	53.5	29.9	29	2.1	0.4	-9.0	9.1	9.3	and DIN 33866-1:2000 Annex G
	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	relative CIELAB data used for "out"
	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	$\Delta L^* = 92.71 - 35.94$
	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	Regularity
	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	
	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	Lightness gamut relative to offset
	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	Orange red – White
	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: O – W
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{CIELAB} = 8.6$
W	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	$\Delta E^*_{CIELAB} = 9.6$
O	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	
	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	Mean CIELAB difference (5 steps)
	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	$\Delta H^*_{CIELAB} = 6.6$
W	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	$\Delta E^*_{CIELAB} = 7.4$
Mean colour reproduction index:										$R^*_{ab,m} = 58$					

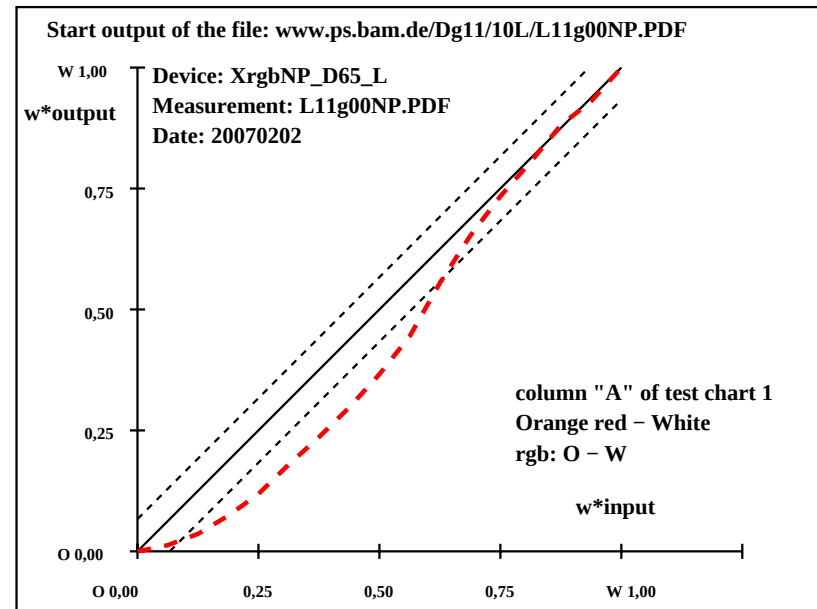
De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref		hab,ref	LAB*a,out		hab,out	LAB*a,out/c-ref				ΔH^*	ΔE^*	Start output S1	
O	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	relative CIELAB data used for "out"
	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	$\Delta L^* = 95.41 - 46.31$
	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	Regularity
	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	
	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	Lightness gamut relative to offset
	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		
W	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	Orange red – White
	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: O – W
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{CIELAB} = 6.6$
	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	$\Delta E^*_{CIELAB} = 8.9$
	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	
	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	Mean CIELAB difference (5 steps)
	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	$\Delta H^*_{CIELAB} = 5.3$
W	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	$\Delta E^*_{CIELAB} = 7.1$
Mean colour reproduction index:										$R^*_{ab,m} = 61$					

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De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129



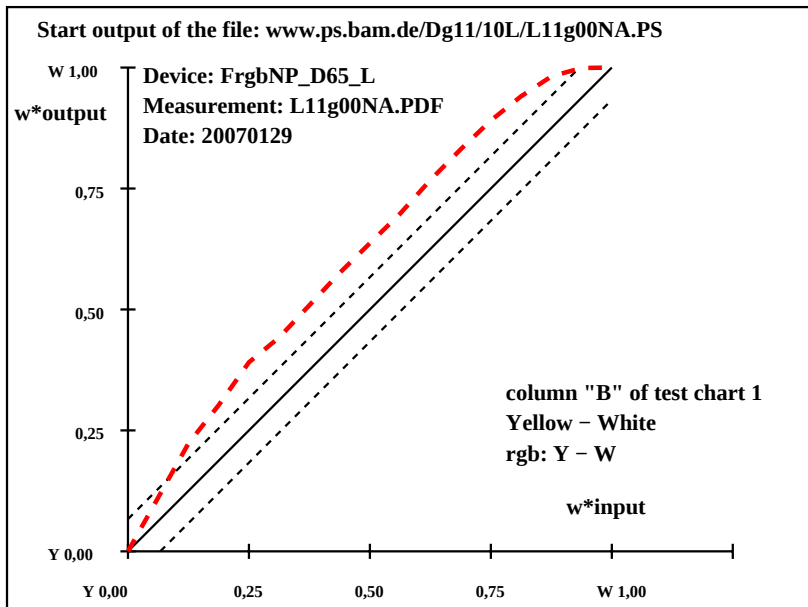
De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1						
Y	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	relative CIELAB data used for "out"
	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	$\Delta L^* = 92.58 - 84.27$
	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	Regularity
	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	$g^* = 18.5$
	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	
	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	Lightness gamut relative to offset
	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	$f^* = 10.7$
	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	Yellow - White
	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	rgb: Y - W
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{CIELAB} = 12.1$
W	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	$\Delta E^*_{CIELAB} = 12.2$
Y	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	
	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	Mean CIELAB difference (5 steps)
	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	$\Delta H^*_{CIELAB} = 9.6$
W	22	92.6	0.0	0.0	0	92.6	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 9.7$
Mean colour reproduction index:														$R^*_{ab,m} = 47$	

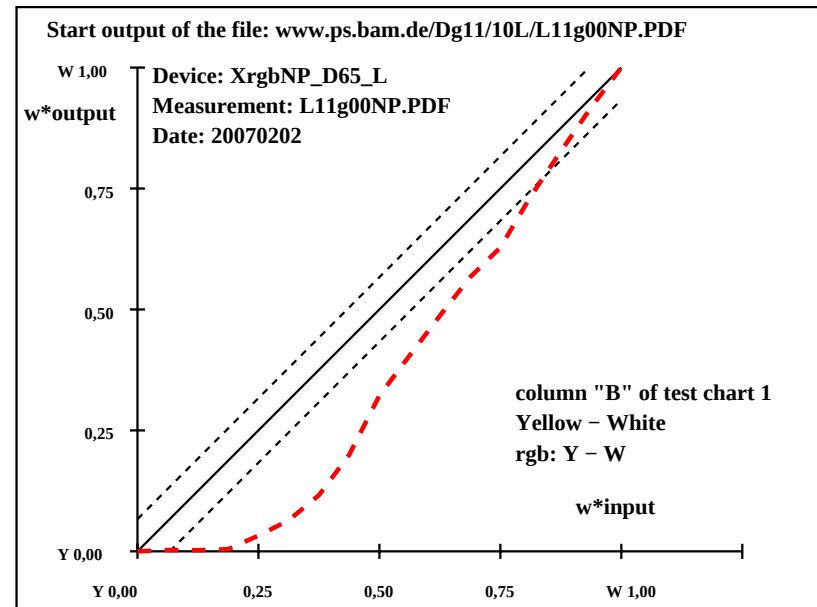
De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1											
Y	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	0.0	0.0	0.0	0.0	0.0	Specification according to
	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						ISO/IEC 15775:1999 Annex G
	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						and DIN 33866-1:2000 Annex G
	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						relative CIELAB data used for "out"
	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						$\Delta L^* = 95.43 - 90.9$
	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						Regularity
	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						$g^* = 3.8$
	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						Lightness gamut relative to offset
	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						$f^* = 5.9$
	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						Yellow - White
	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						rgb: Y - W
	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						Mean CIELAB difference (17 steps)
	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						$\Delta H^*_{CIELAB} = 15.2$
W	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	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 15.3$
Y	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	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						
	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						Mean CIELAB difference (5 steps)
	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						$\Delta H^*_{CIELAB} = 12.2$
W	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	0.0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 12.2$
										Mean colour reproduction index:					$R^*_{ab,m} = 33$					

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

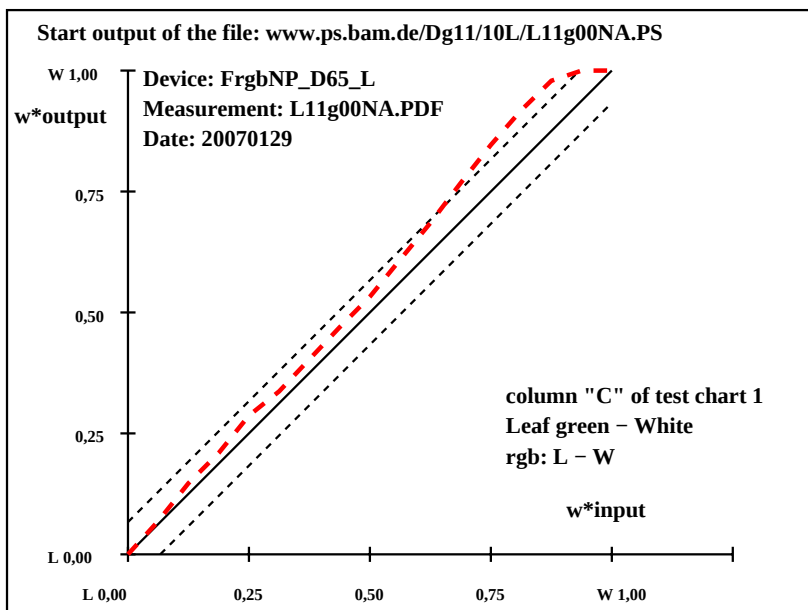


De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

See for similar files: <http://www.ps.bam.de/De17/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de/33872> Version 2.1, io=1,1

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De170-3N.: Device: FrgbNP D65 L: Measurement: L11g00NA.PDF: Date: 20070129

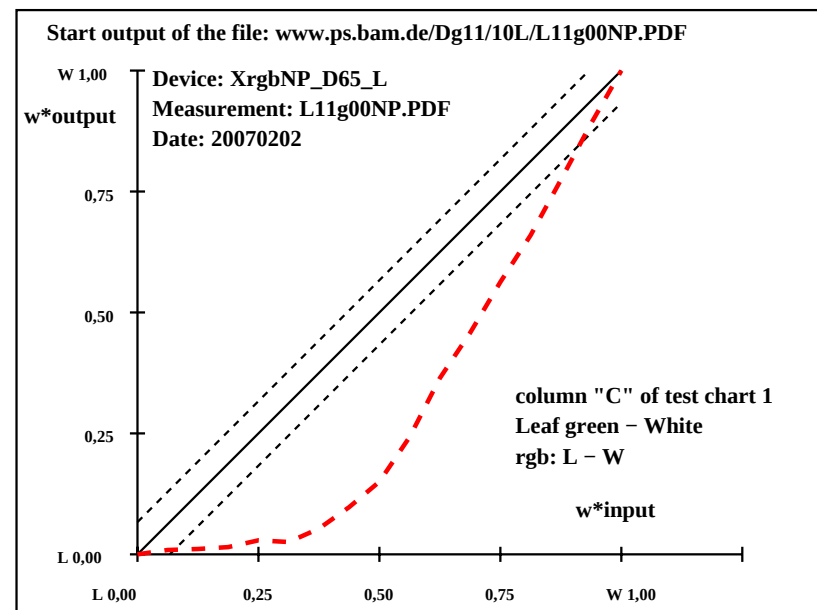


De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

Output specification of the test chart 1 according to 33872-1
17 step colour scale "C"; *rqb* input data; 2 devices, Page 3/24

T	i	LAB*a,ref	hab,ref	LAB*a,aout	hab,out	LAB*a,aout/c-ref	ΔH^*	ΔE^*	Start output S1
L	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	relative CIELAB data used for "out"
	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	$\Delta L^* = 95.52 - 45.71$
	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	Regularity
	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	
	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	Lightness gamut relative to offset
	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	Leaf green - White
	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: L - W
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{CIELAB} = 15.0$
W	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	$\Delta E^*_{CIELAB} = 17.9$
L	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	
	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	Mean CIELAB difference (5 steps)
	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	$\Delta H^*_{CIELAB} = 12.3$
W	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	$\Delta E^*_{CIELAB} = 14.6$
Mean colour reproduction index:									$R^*_{ab,m} = 21$

De171-3N.: Device: XrgbNP D65 L: Measurement: L11g00NP.PDF: Date: 20070202



De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

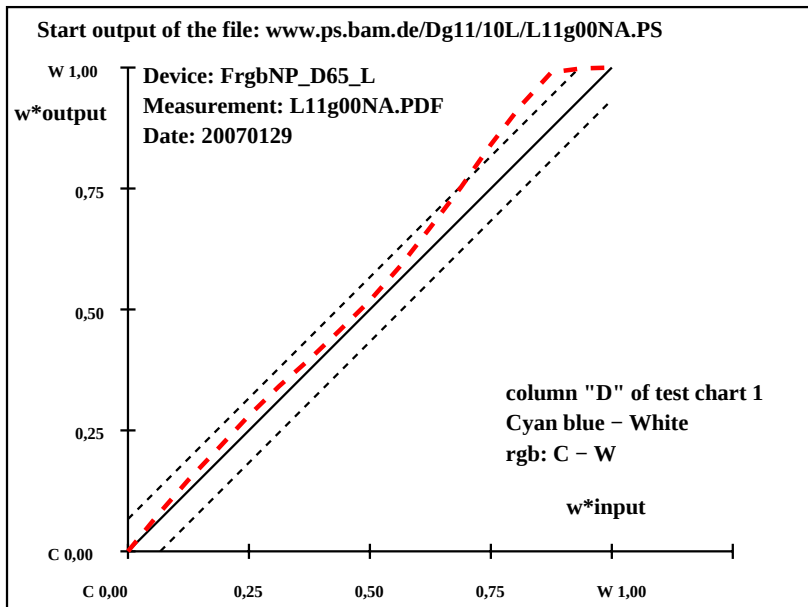
input: *rgb (->olv*) setrgbcolor*
output: no change compared to input

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1		
C	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	relative CIELAB data used for "out"
	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	$\Delta L^* = 92.62 - 53.73$
	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	Regularity
	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	
	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	Lightness gamut relative to offset
	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	Cyan blue – White
	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
	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	Mean CIELAB difference (17 steps)
	16	90.2-1.7-1.9	228	92.5	0.0	0.0	0	2.3	1.8	2.0	$\Delta H^*_{CIELAB} = 4.0$
W	17	92.6	0.0	0.0	0	92.6	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 5.7$
C	18	53.7-28.9-31.6	228	53.7-28.9-31.6	228	0.0	0.0	0.0	0.0	0.0	
	19	63.5-21.7-23.7	228	67.9-27.1-23.8	221	4.4	-5.4	0.0	5.5	7.0	
	20	73.2-14.4-15.8	228	77.9-20.5-15.9	218	4.8	-6.0	0.0	6.1	7.7	Mean CIELAB difference (5 steps)
	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	$\Delta H^*_{CIELAB} = 2.9$
W	22	92.6	0.0	0.0	0	92.6	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 4.3$
Mean colour reproduction index:										$R^*_{ab,m} = 75$	

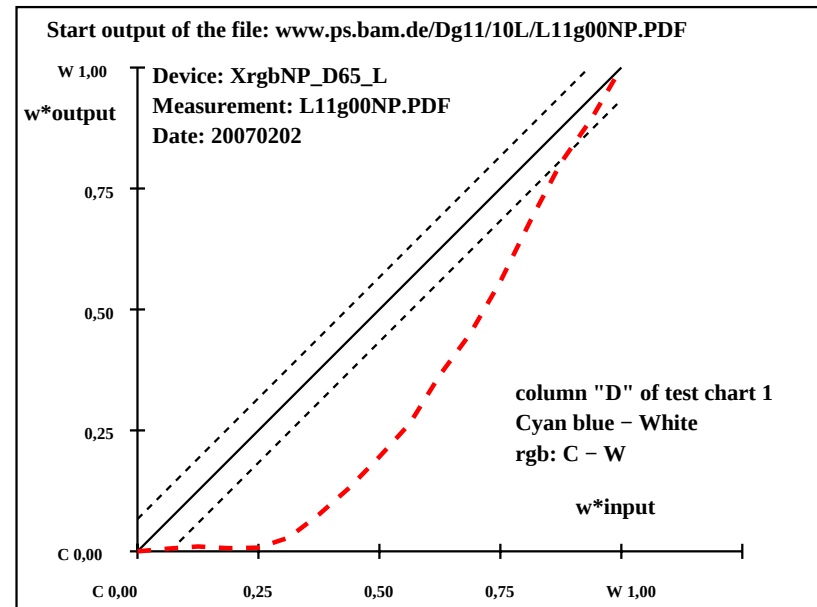
De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1						
C	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	relative CIELAB data used for "out"
	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	$\Delta L^* = 95.39 - 51.16$
	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	Regularity
	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	
	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	Lightness gamut relative to offset
	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	Cyan blue – White
	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
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{CIELAB} = 10.1$
W	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	$\Delta E^*_{CIELAB} = 13.2$
C	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	
	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	Mean CIELAB difference (5 steps)
	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	$\Delta H^*_{CIELAB} = 8.1$
W	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	$\Delta E^*_{CIELAB} = 10.8$
Mean colour reproduction index:										$R^*_{ab,m} = 42$					

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De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129



De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	
V	1	14.6	51.7	-60.3	311	14.6	51.7	-60.3	311
	2	19.5	48.5	-56.5	311	20.0	46.6	-59.4	308
	3	24.3	45.2	-52.8	311	26.5	39.6	-56.5	305
	4	29.2	42.0	-49.0	311	32.8	33.1	-52.8	302
	5	34.1	38.8	-45.2	311	38.8	28.0	-49.0	300
	6	39.0	35.5	-41.4	311	44.5	23.9	-45.1	298
	7	43.9	32.3	-37.7	311	49.3	20.5	-41.4	296
	8	48.8	29.1	-33.9	311	55.0	16.2	-37.0	294
	9	53.6	25.9	-30.1	311	60.0	13.0	-33.0	291
	10	58.5	22.6	-26.3	311	65.4	10.5	-28.5	290
	11	63.4	19.4	-22.6	311	70.9	8.1	-23.5	289
	12	68.3	16.2	-18.8	311	76.3	6.2	-18.3	289
	13	73.2	12.9	-15.0	311	82.0	4.4	-12.4	289
	14	78.1	9.7	-11.2	311	87.3	2.3	-6.5	289
	15	82.9	6.5	-7.4	311	91.9	-0.1	-0.5	252
	16	87.8	3.2	-3.7	311	92.7	0.0	0.0	0
W	17	92.7	0.0	0.0	0	92.7	0.0	0.0	0
V	18	14.6	51.7	-60.3	311	14.6	51.7	-60.3	311
	19	34.1	38.8	-45.2	311	38.8	28.0	-49.0	300
	20	53.6	25.9	-30.1	311	60.0	13.0	-33.0	291
	21	73.2	12.9	-15.0	311	82.0	4.4	-12.4	289
W	22	92.7	0.0	0.0	0	92.7	0.0	0.0	0

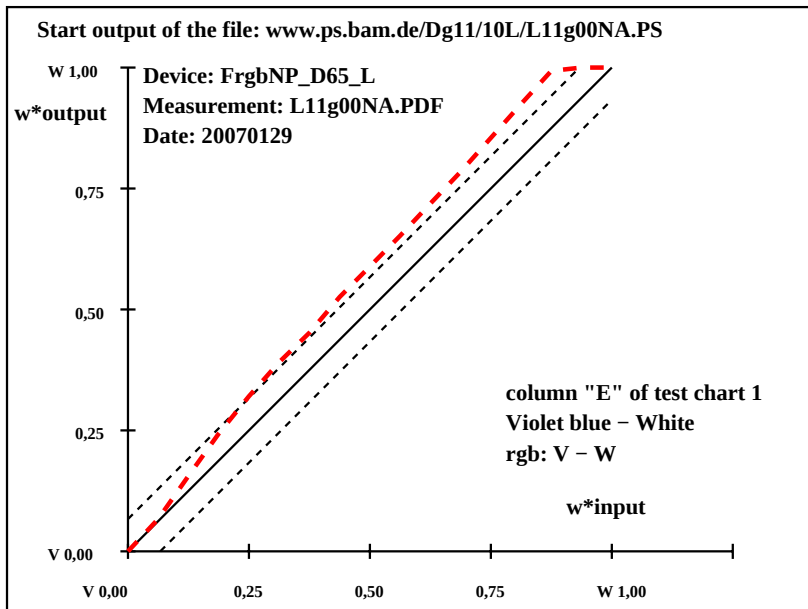
Start output S1
Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G
relative CIELAB data used for "out"
 $\Delta L^* = 92.7 - 14.57$
Regularity
 $g^* = 44.2$
Lightness gamut relative to offset
 $f^* = 100.9$
Violet blue - White
rgb: V - W
Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 8.7$
 $\Delta E^*_{CIELAB} = 10.3$
Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 6.7$
 $\Delta E^*_{CIELAB} = 7.9$
Mean colour reproduction index: $R^*_{ab,m} = 55$

De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

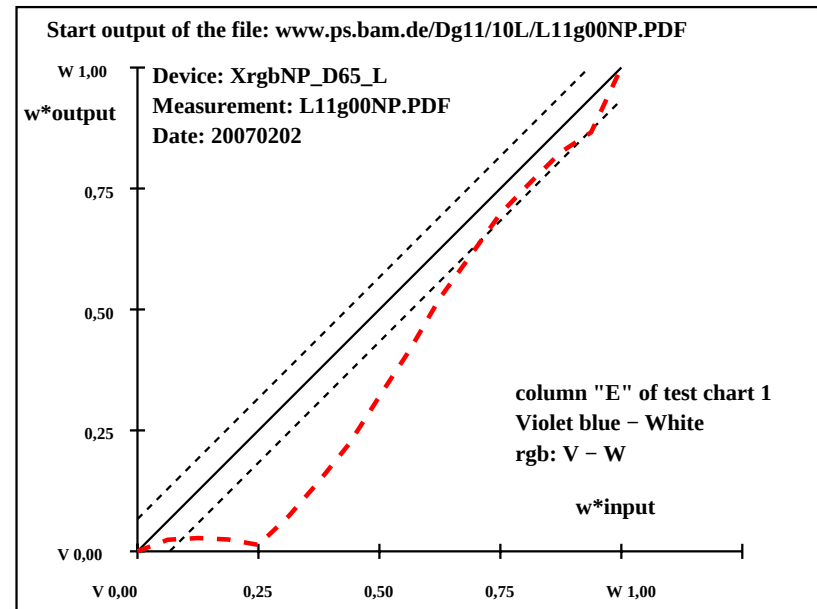
T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	
V	1	38.2	2.0	-49.0	272	38.2	2.0	-49.0	272
	2	41.8	1.9	-45.9	272	37.0	3.3	-48.9	274
	3	45.4	1.7	-42.8	272	36.9	3.6	-48.9	274
	4	49.0	1.6	-39.8	272	37.2	3.5	-48.7	274
	5	52.5	1.5	-36.7	272	39.0	2.3	-48.4	273
	6	56.1	1.3	-33.6	272	42.9	1.1	-46.3	271
	7	59.7	1.2	-30.5	272	47.4	1.0	-43.1	271
	8	63.3	1.1	-27.4	272	52.3	0.0	-40.0	270
	9	66.9	1.0	-24.3	272	58.2	0.0	-35.4	270
	10	70.5	0.8	-21.3	272	63.9	-0.1	-30.9	270
	11	74.0	0.7	-18.2	272	69.9	0.0	-25.3	270
	12	77.6	0.6	-15.1	272	74.9	-1.0	-21.1	267
	13	81.2	0.4	-12.0	272	79.9	-0.1	-16.6	269
	14	84.8	0.3	-8.9	272	83.2	0.3	-12.9	271
	15	88.4	0.2	-5.9	272	86.5	1.4	-9.4	278
	16	92.0	0.0	-2.8	271	88.4	2.0	-6.9	286
W	17	95.5	0.0	0.2	117	95.5	0.0	0.2	117
V	18	38.2	2.0	-49.0	272	38.2	2.0	-49.0	272
	19	52.5	1.5	-36.7	272	39.0	2.3	-48.4	273
	20	66.9	1.0	-24.3	272	58.2	0.0	-35.4	270
	21	81.2	0.4	-12.0	272	79.9	-0.1	-16.6	269
W	22	95.5	0.0	0.2	117	95.5	0.0	0.2	117

Start output S1
Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G
relative CIELAB data used for "out"
 $\Delta L^* = 95.54 - 38.21$
Regularity
 $g^* = 3.5$
Lightness gamut relative to offset
 $f^* = 74.1$
Violet blue - White
rgb: V - W
Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 7.0$
 $\Delta E^*_{CIELAB} = 9.5$
Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 5.5$
 $\Delta E^*_{CIELAB} = 7.4$
Mean colour reproduction index: $R^*_{ab,m} = 58$

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

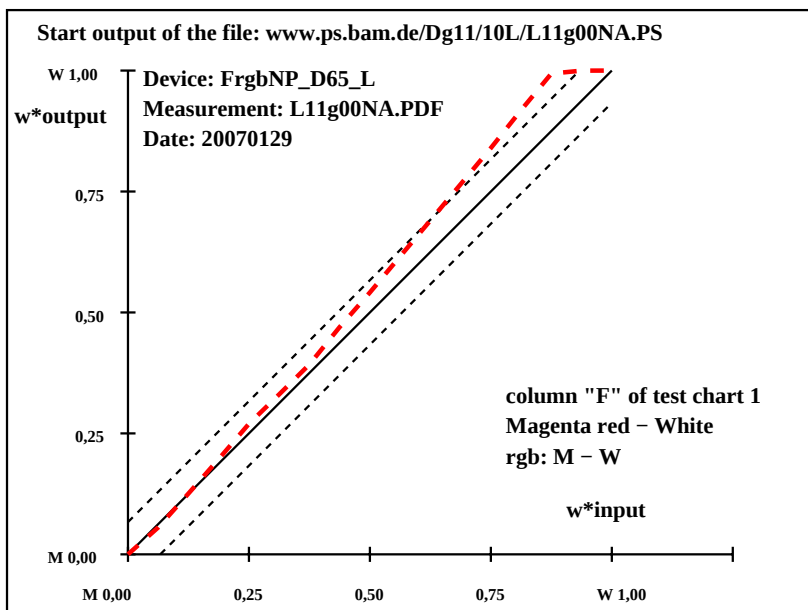


De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

See for similar files: <http://www.ps.bam.de/De17/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de/33872> Version 2.1, io=1,1

T	i	LAB*a _{ref}	hab _{ref}	LAB*a _{out}	hab _{out}	LAB*a _{out} /c-ref	ΔH*	ΔE*	Start output S1						
M	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	relative CIELAB data used for "out"
	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	Regularity
	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	
	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	Lightness gamut relative to offset
	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
W	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	Magenta red - White
	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
	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	Mean CIELAB difference (17 steps)
	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
	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
	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	
	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	Mean CIELAB difference (5 steps)
W	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
	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
Mean colour reproduction index: R* _{ab,m} = 72															

De170-3N.: Device: FrgbNP D65 L: Measurement: L11g00NA.PDF: Date: 20070129

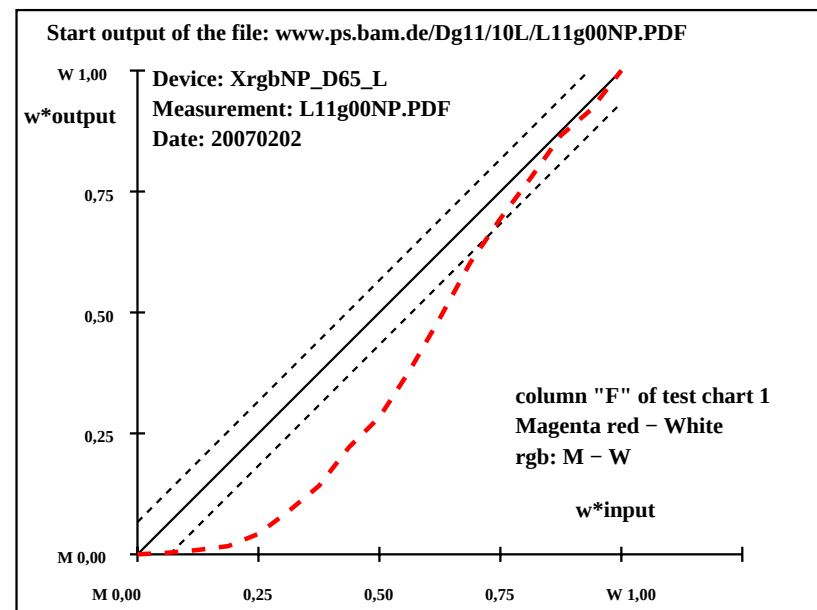


De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

Output specification of the test chart 1 according to 33872-1
17 step colour scale "F"; *rqb* input data; 2 devices, Page 6/24

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1						
M	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	relative CIELAB data used for "out"
	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	$\Delta L^* = 95.45 - 46.14$
	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	Regularity
	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	
	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	Lightness gamut relative to offset
	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	Magenta red – White
	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
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{CIELAB} = 10.0$
	W	17	95.5	0.0	0.0	0	95.5	0.0	0.0	0	0.0	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 12.1$
M	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	
	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	Mean CIELAB difference (5 steps)
W	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	$\Delta H^*_{CIELAB} = 8.0$
	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	$\Delta E^*_{CIELAB} = 9.8$
Mean colour reproduction index:										$R^*_{ab,m} = 47$					

De171-3N.: Device: XrgbNP D65 L: Measurement: L11g00NP.PDF: Date: 20070202



De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

input: *rgb (->olv*) setrgbcolor*
output: no change compared to input

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-refΔH*	ΔE*	Start output S1
N	1	8.7	0.0	0.0	0	8.7	0.0	0.0
	2	13.9	0.0	0.0	0	13.9	0.7	-2.5
	3	19.1	0.0	0.0	0	20.8	-0.2	-3.9
	4	24.4	0.0	0.0	0	27.4	-1.8	-3.0
	5	29.6	0.0	0.0	0	34.4	-2.2	-3.4
	6	34.9	0.0	0.0	0	40.2	-2.7	-1.7
	7	40.1	0.0	0.0	0	45.9	-3.1	-1.5
	8	45.4	0.0	0.0	0	52.0	-3.9	-1.1
Z	9	50.6	0.0	0.0	0	57.5	-3.9	-1.5
	10	55.9	0.0	0.0	0	63.4	-3.1	-1.9
	11	61.1	0.0	0.0	0	69.1	-1.8	-2.1
	12	66.4	0.0	0.0	0	75.2	-0.6	-2.1
	13	71.6	0.0	0.0	0	81.2	0.1	-1.4
	14	76.9	0.0	0.0	0	86.9	0.0	-0.1
	15	82.1	0.0	0.0	0	92.0	-0.7	1.1
	16	87.4	0.0	0.0	0	92.7	0.0	0.0
W	17	92.6	0.0	0.0	0	92.6	0.0	0.0
N	18	8.7	0.0	0.0	0	8.7	0.0	0.0
	19	29.6	0.0	0.0	0	34.4	-2.2	-3.4
Z	20	50.6	0.0	0.0	0	57.5	-3.9	-1.5
	21	71.6	0.0	0.0	0	81.2	0.1	-1.4
W	22	92.6	0.0	0.0	0	92.6	0.0	0.0

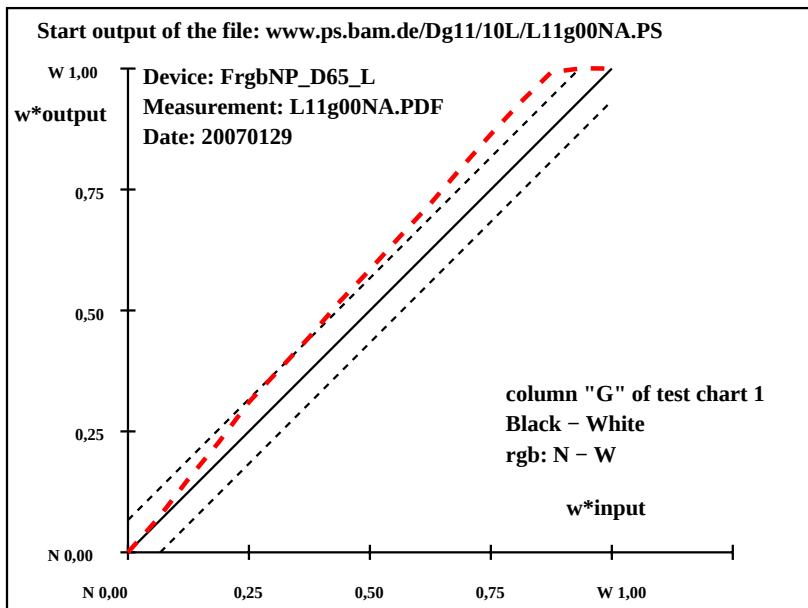
Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G
relative CIELAB data used for "out"
 $\Delta L^* = 92.63 - 8.65$
Regularity
 $g^* = 44.4$
Lightness gamut relative to offset
 $f^* = 108.5$
Black - White
rgb: N - W
Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 2.5$
 $\Delta E^*_{CIELAB} = 6.3$
Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 2.0$
 $\Delta E^*_{CIELAB} = 4.8$
Mean colour reproduction index: $R^*_{ab,m} = 72$

De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

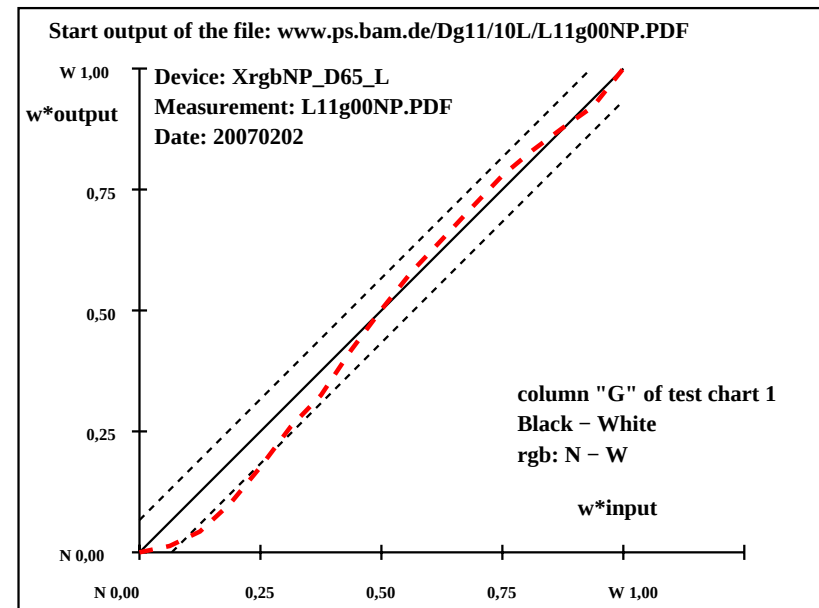
T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-refΔH*	ΔE*	Start output S1
N	1	21.7	0.0	0.0	0	21.7	0.0	0.0
	2	26.3	0.0	0.0	0	22.6	0.0	0.0
	3	30.9	0.0	0.0	0	24.8	0.0	0.1
	4	35.5	0.0	0.0	0	29.1	0.0	0.0
	5	40.1	0.0	0.0	0	34.7	0.0	0.0
	6	44.7	0.0	0.0	0	40.8	0.0	0.0
	7	49.3	0.0	0.0	0	45.6	0.0	0.2
	8	53.9	0.0	0.0	0	52.5	0.0	0.1
Z	9	58.6	0.0	0.0	0	58.7	0.0	0.2
	10	63.2	0.0	0.0	0	64.5	0.0	0.2
	11	67.8	0.0	0.0	0	69.4	0.0	0.2
	12	72.4	0.0	0.0	0	74.3	0.0	0.2
	13	77.0	0.0	0.0	0	79.1	0.0	0.1
	14	81.6	0.0	0.0	0	83.0	0.0	0.0
	15	86.2	0.0	0.0	0	86.4	0.0	0.1
	16	90.8	0.0	0.0	0	89.7	0.0	0.2
W	17	95.5	0.0	0.0	0	95.5	0.0	0.0
N	18	21.7	0.0	0.0	0	21.7	0.0	0.0
	19	40.1	0.0	0.0	0	34.7	0.0	0.0
Z	20	58.6	0.0	0.0	0	58.7	0.0	0.2
	21	77.0	0.0	0.0	0	79.1	0.0	0.1
W	22	95.5	0.0	0.0	0	95.5	0.0	0.0

Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G
relative CIELAB data used for "out"
 $\Delta L^* = 95.46 - 21.66$
Regularity
 $g^* = 54.2$
Lightness gamut relative to offset
 $f^* = 95.3$
Black - White
rgb: N - W
Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 0.1$
 $\Delta E^*_{CIELAB} = 2.4$
Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 0.1$
 $\Delta E^*_{CIELAB} = 1.6$
Mean colour reproduction index: $R^*_{ab,m} = 90$

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129



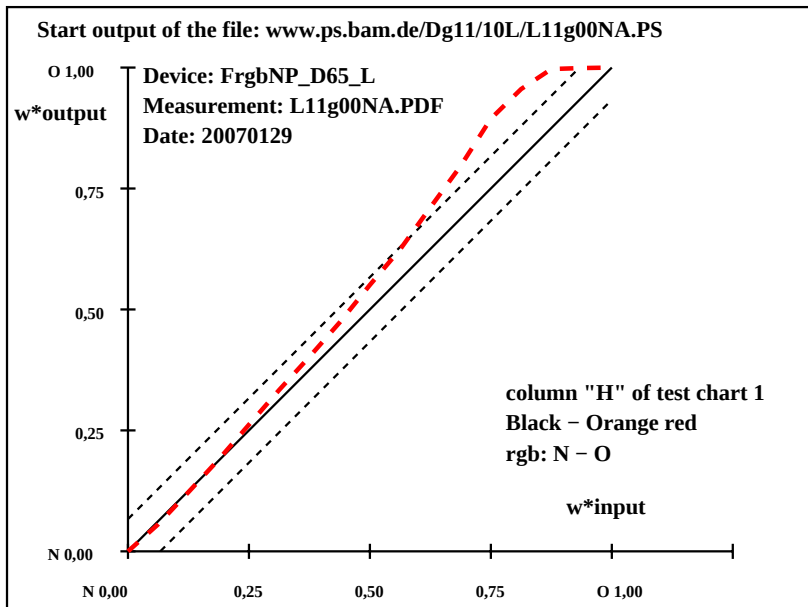
De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1
N	1	8.3	0.1	-0.1	297	8.3	0.1	-0.1	297
	2	10.0	3.9	2.6	34	9.7	3.9	1.8	25
	3	11.7	7.7	5.4	35	11.3	8.2	4.5	29
	4	13.4	11.5	8.2	35	13.0	12.5	7.3	30
	5	15.0	15.3	11.0	36	14.9	17.1	10.2	31
	6	16.7	19.1	13.8	36	16.6	21.7	13.2	31
	7	18.4	22.9	16.6	36	18.4	26.0	16.1	32
	8	20.1	26.7	19.4	36	20.5	30.2	19.4	33
	9	21.7	30.5	22.2	36	22.4	34.9	23.0	33
	10	23.4	34.3	25.0	36	25.1	39.2	26.1	34
	11	25.1	38.1	27.8	36	27.3	44.2	30.5	35
	12	26.7	41.9	30.6	36	29.8	49.1	34.6	35
	13	28.4	45.7	33.4	36	32.3	54.6	39.7	36
	14	30.1	49.5	36.2	36	34.0	58.1	42.7	36
	15	31.8	53.3	39.0	36	35.1	60.5	44.7	36
	16	33.4	57.1	41.8	36	35.2	60.7	44.7	36
O	17	35.1	60.9	44.6	36	35.1	60.9	44.6	36
N	18	8.3	0.1	-0.1	297	8.3	0.1	-0.1	297
	19	15.0	15.3	11.0	36	14.9	17.1	10.2	31
	20	21.7	30.5	22.2	36	22.4	34.9	23.0	33
	21	28.4	45.7	33.4	36	32.3	54.6	39.7	36
	22	35.1	60.9	44.6	36	35.1	60.9	44.6	36
Mean colour reproduction index: $R^*_{ab,m} = 80$									

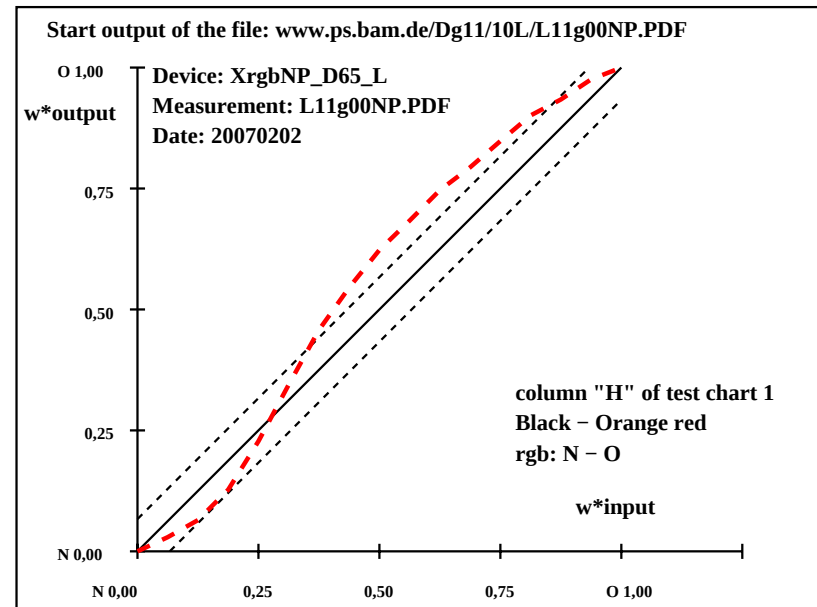
De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1
N	1	22.0	0.0	0.0	0	22.0	0.0	0.0	0
	2	23.5	3.8	2.4	32	21.6	2.1	-0.4	347
	3	25.1	7.6	4.7	32	21.6	4.8	0.7	8
	4	26.6	11.3	7.1	32	23.6	8.5	4.2	26
	5	28.1	15.1	9.5	32	26.4	13.3	9.9	37
	6	29.6	18.9	11.8	32	30.4	16.7	18.0	47
	7	31.1	22.7	14.2	32	33.1	22.8	23.4	46
	8	32.7	26.5	16.5	32	34.7	28.2	27.1	44
	9	34.2	30.3	18.9	32	36.4	33.4	29.7	42
	10	35.7	34.0	21.3	32	37.5	37.3	32.0	41
	11	37.2	37.8	23.6	32	38.7	41.6	34.0	39
	12	38.7	41.6	26.0	32	39.9	44.7	35.5	38
	13	40.2	45.4	28.4	32	41.4	48.6	36.7	37
	14	41.8	49.2	30.7	32	42.9	52.1	38.2	36
	15	43.3	52.9	33.1	32	44.3	54.9	38.0	35
	16	44.8	56.7	35.4	32	45.6	58.3	38.1	33
O	17	46.3	60.5	37.8	32	46.3	60.5	37.8	32
N	18	22.0	0.0	0.0	0	22.0	0.0	0.0	0
	19	28.1	15.1	9.5	32	26.4	13.3	9.9	37
	20	34.2	30.3	18.9	32	36.4	33.4	29.7	42
	21	40.2	45.4	28.4	32	41.4	48.6	36.7	37
	22	46.3	60.5	37.8	32	46.3	60.5	37.8	32
Mean colour reproduction index: $R^*_{ab,m} = 71$									

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129



De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

See for similar files: <http://www.ps.bam.de/De17/>; www.ps.bam.de/De17/; www.ps.bam.de/33872 Version 2.1, io=1,1
Technical information: <http://www.ps.bam.de/33872>

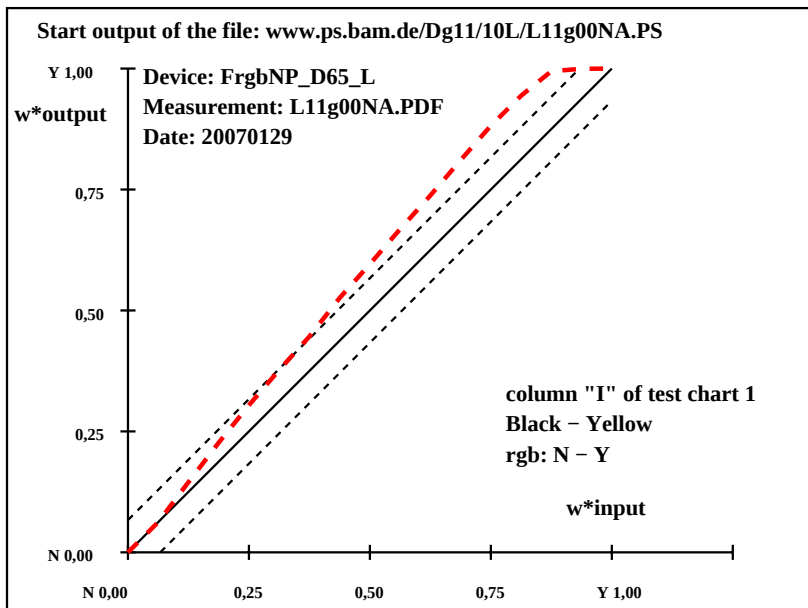
BAM registration: 20080301-De17/10L/L17E08NP.PS/.PDF BAM material: code=rhadata
application for output of monitor, data projector, or printer systems

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1
N	1	8.5	0.0	0.0	0	8.5	0.0	0.0	Specification according to
	2	13.2	-0.2	6.9	92	13.2	-2.5	6.5	ISO/IEC 15775:1999 Annex G
	3	18.0	-0.4	13.9	92	19.3	-6.1	15.0	and DIN 33866-1:2000 Annex G
	4	22.7	-0.7	20.8	92	25.2	-9.1	23.7	relative CIELAB data used for "out"
	5	27.4	-0.9	27.7	92	31.5	-11.0	31.9	$\Delta L^* = 84.07 - 8.52$
	6	32.1	-1.2	34.7	92	37.0	-11.8	40.1	Regularity
	7	36.9	-1.4	41.6	92	42.2	-12.9	47.8	$g^* = 37.7$
	8	41.6	-1.7	48.5	92	48.4	-14.0	56.5	Lightness gamut relative to offset
	9	46.3	-1.9	55.5	92	53.8	-14.5	64.3	$f^* = 97.6$
	10	51.0	-2.2	62.4	92	59.1	-14.2	72.7	Black - Yellow
	11	55.7	-2.4	69.3	92	64.6	-12.7	80.6	rgb: N - Y
	12	60.5	-2.7	76.2	92	70.0	-10.3	89.2	Mean CIELAB difference (17 steps)
	13	65.2	-2.9	83.2	92	75.4	-7.4	97.4	$\Delta H^*_{CIELAB} = 10.5$
	14	69.9	-3.2	90.1	92	80.0	-5.4	104.5	$\Delta E^*_{CIELAB} = 12.0$
	15	74.6	-3.4	97.0	92	83.6	-4.4	110.3	
	16	79.3	-3.7	104.0	92	83.9	-4.0	110.9	
Y	17	84.1	-3.9	110.9	92	84.1	-3.9	110.9	
N	18	8.5	0.0	0.0	0	8.5	0.0	0.0	
	19	27.4	-0.9	27.7	92	31.5	-11.0	31.9	
	20	46.3	-1.9	55.5	92	53.8	-14.5	64.3	Mean CIELAB difference (5 steps)
	21	65.2	-2.9	83.2	92	75.4	-7.4	97.4	$\Delta H^*_{CIELAB} = 8.2$
Y	22	84.1	-3.9	110.9	92	84.1	-3.9	110.9	$\Delta E^*_{CIELAB} = 9.4$
Mean colour reproduction index: $R^*_{ab,m} = 48$									

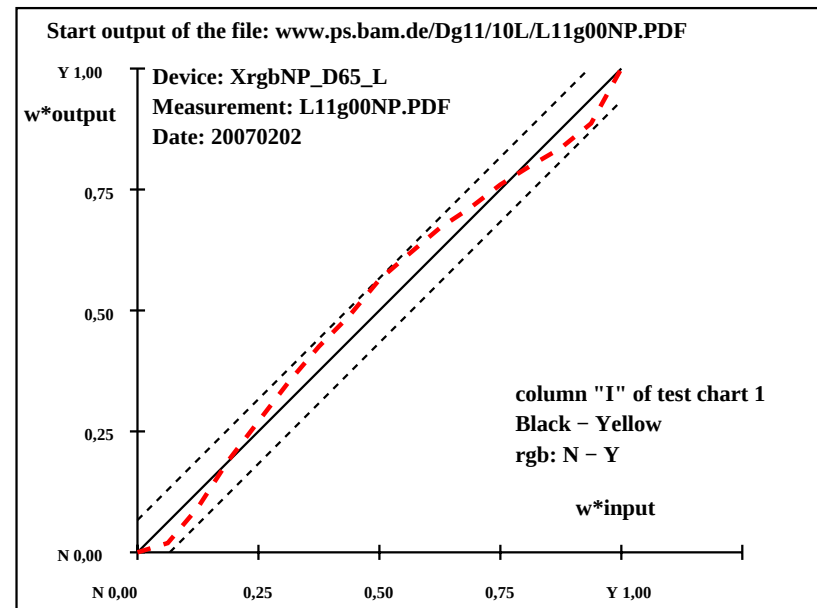
De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1
N	1	22.0	0.0	0.0	0	22.0	0.0	0.0	Specification according to
	2	26.3	-1.0	7.0	99	22.2	-0.7	2.4	ISO/IEC 15775:1999 Annex G
	3	30.6	-2.1	14.0	99	26.2	-3.4	11.0	and DIN 33866-1:2000 Annex G
	4	34.9	-3.1	20.9	99	32.4	-5.1	22.2	relative CIELAB data used for "out"
	5	39.2	-4.2	27.9	99	38.0	-6.9	31.3	$\Delta L^* = 90.87 - 21.96$
	6	43.5	-5.3	34.9	99	43.4	-8.6	40.5	Regularity
	7	47.8	-6.4	41.9	99	48.4	-9.6	48.8	$g^* = 70.1$
	8	52.1	-7.4	48.9	99	53.3	-10.5	55.6	Lightness gamut relative to offset
	9	56.4	-8.5	55.9	99	58.7	-11.6	63.9	$f^* = 89.0$
	10	60.7	-9.6	62.8	99	62.6	-12.3	69.9	Black - Yellow
	11	65.0	-10.7	69.8	99	66.5	-12.9	75.7	rgb: N - Y
	12	69.3	-11.7	76.8	99	69.6	-14.0	80.1	Mean CIELAB difference (17 steps)
	13	73.6	-12.8	83.8	99	73.2	-14.2	85.4	$\Delta H^*_{CIELAB} = 4.5$
	14	77.9	-13.9	90.8	99	76.2	-14.7	89.6	$\Delta E^*_{CIELAB} = 5.0$
	15	82.3	-15.0	97.7	99	79.0	-15.4	93.5	
	16	86.6	-16.0	104.7	99	82.7	-15.7	99.2	
Y	17	90.9	-17.1	111.7	99	90.9	-17.1	111.7	
N	18	22.0	0.0	0.0	0	22.0	0.0	0.0	
	19	39.2	-4.2	27.9	99	38.0	-6.9	31.3	
	20	56.4	-8.5	55.9	99	58.7	-11.6	63.9	Mean CIELAB difference (5 steps)
	21	73.6	-12.8	83.8	99	73.2	-14.2	85.4	$\Delta H^*_{CIELAB} = 3.0$
Y	22	90.9	-17.1	111.7	99	90.9	-17.1	111.7	$\Delta E^*_{CIELAB} = 3.1$
Mean colour reproduction index: $R^*_{ab,m} = 79$									

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129



De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

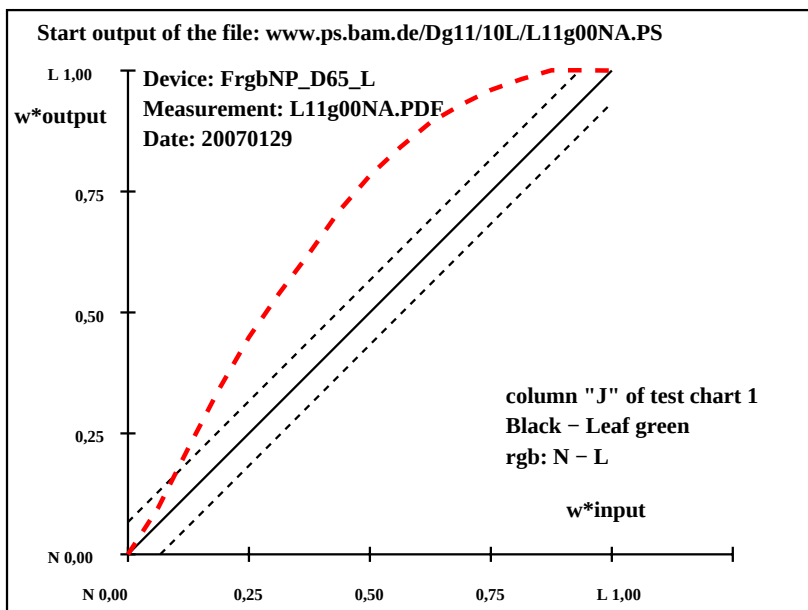
Output specification of the test chart 1 according to 33872-1
17 step colour scale "I"; rgb input data; 2 devices, Page 9/24

input: *rgb* (-> *ol**) *setrgbcolor*
output: no change compared to input

See for similar files: <http://www.ps.bam.de/De17/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de/33872> Version 2.1, io=1,1

T	i	LAB*a _{ref}	hab _{ref}	LAB*a _{out}	hab _{out}	LAB*a _{out} /c-ref	ΔH* ΔE*	Start output S1
N	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	relative CIELAB data used for "out"
	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	Regularity
	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	
	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	Lightness gamut relative to offset
	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	Black – Leaf green
	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
	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	Mean CIELAB difference (17 steps)
	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
L	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	18	8.5 0.1 0.0	315	8.5 0.1 0.0	315	0.0 0.0 0.0	0.0 0.0	
	19	17.3 -15.3 12.1	142	23.5 -29.2 20.1	146	6.2 -13.8 8.0	16.1 17.2	
	20	26.1 -30.8 24.2	142	35.5 -49.3 37.1	143	9.4 -18.5 12.9	22.6 24.5	Mean CIELAB difference (5 steps)
	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
L	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
Mean colour reproduction index:								R* _{ab,m} = 36

De170-3N.: Device: FrgbNP D65 L: Measurement: L11g00NA.PDF: Date: 20070129

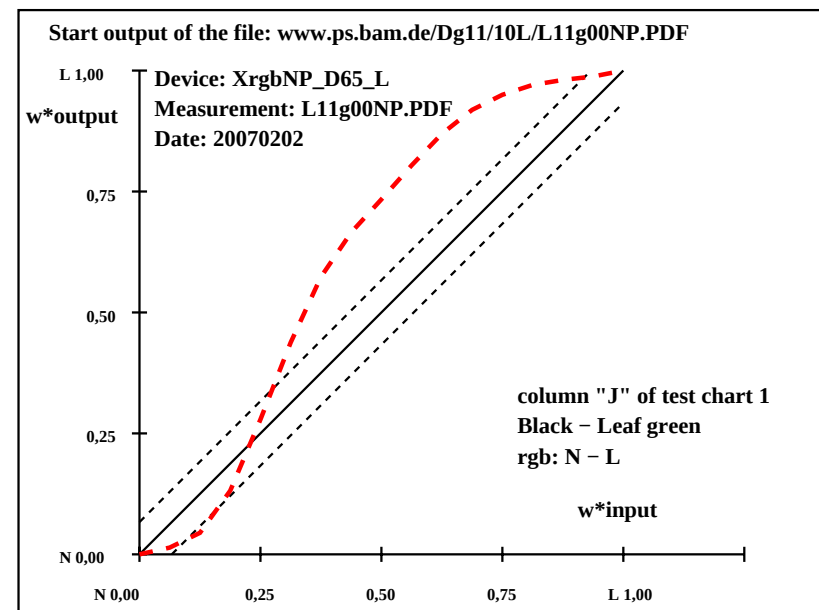


De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

Output specification of the test chart 1 according to 33872-1
17 step colour scale "J"; *rgb* input data; 2 devices, Page 10/24

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1							
N	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	Specification according to	
	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	ISO/IEC 15775:1999 Annex G	
	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	and DIN 33866-1:2000 Annex G	
	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	relative CIELAB data used for "out"	
	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	$\Delta L^* = 46.01 - 21.91$	
	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	Regularity	
	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		
	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	Lightness gamut relative to offset	
	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	$f^* = 31.1$	
L	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	Black - Leaf green	
	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	
	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	Mean CIELAB difference (17 steps)	
	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	$\Delta H^*_{CIELAB} = 10.4$	
	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	$\Delta E^*_{CIELAB} = 10.7$	
	N	18	21.9	0.0	0.0	0	21.9	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	
		19	27.9	-16.7	9.0	152	28.7	-17.2	12.3	145	0.8	-0.4	3.3	3.3	3.4	
		20	34.0	-33.5	18.0	152	38.2	-49.8	26.2	152	4.3	-16.2	8.2	18.2	18.7	Mean CIELAB difference (5 steps)
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	$\Delta H^*_{CIELAB} = 7.5$	
L	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	$\Delta E^*_{CIELAB} = 7.7$	
Mean colour reproduction index:										$R^*_{ab,m} = 54$						

De171-3N.: Device: XrgbNP D65 L: Measurement: L11g00NP.PDF: Date: 20070202



De171-7N, ; Device: XrgbNP_D65 L; Measurement: L11g00NP.PDF; Date: 20070202

input: *rgb (->olv*) setrgbcolor*
output: no change compared to input

See for similar files: <http://www.ps.bam.de/De17/>; www.ps.bam.de/De17/
Technical information: <http://www.ps.bam.de/33872> Version 2.1, io=1,1

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1
N	1	8.8	0.1	0.0	315	8.8	0.1	0.0	315
	2	11.6	-1.6	-2.0	230	12.3	-2.8	-4.2	236
	3	14.4	-3.4	-4.0	229	17.2	-7.3	-7.4	225
	4	17.2	-5.3	-5.9	228	21.8	-12.4	-8.6	215
	5	20.0	-7.1	-7.9	228	26.6	-15.9	-10.8	214
	6	22.8	-8.9	-9.9	228	30.0	-20.0	-11.4	210
	7	25.6	-10.7	-11.9	228	33.5	-22.9	-12.8	209
	8	28.4	-12.5	-13.9	228	37.3	-26.2	-14.1	208
	9	31.2	-14.4	-15.9	228	40.5	-28.1	-16.2	210
	10	34.0	-16.2	-17.8	228	43.4	-29.2	-18.7	213
	11	36.8	-18.0	-19.8	228	46.1	-29.5	-21.7	216
	12	39.6	-19.8	-21.8	228	48.4	-29.5	-24.5	220
	13	42.4	-21.6	-23.8	228	50.4	-29.4	-27.3	223
	14	45.2	-23.4	-25.8	228	52.1	-29.6	-29.1	225
	15	48.0	-25.3	-27.7	228	53.4	-29.8	-30.6	226
	16	50.8	-27.1	-29.7	228	53.7	-29.0	-31.6	227
C	17	53.6	-28.9	-31.7	228	53.6	-28.9	-31.7	228
N	18	8.8	0.1	0.0	315	8.8	0.1	0.0	315
	19	20.0	-7.1	-7.9	228	26.6	-15.9	-10.8	214
	20	31.2	-14.4	-15.9	228	40.5	-28.1	-16.2	210
	21	42.4	-21.6	-23.8	228	50.4	-29.4	-27.3	223
C	22	53.6	-28.9	-31.7	228	53.6	-28.9	-31.7	228

Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G
relative CIELAB data used for "out"

$\Delta L^* = 53.56 - 8.82$
Regularity
 $g^* = 18.1$

Lightness gamut relative to offset
 $f^* = 57.8$

Black - Cyan blue
rgb: N - C

Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 7.9$
 $\Delta E^*_{CIELAB} = 9.8$

Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 6.3$
 $\Delta E^*_{CIELAB} = 7.9$

Mean colour reproduction index: $R^*_{ab,m} = 57$

De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1
N	1	20.7	0.0	-0.2	252	20.7	0.0	-0.2	252
	2	22.5	-0.9	-3.5	254	20.3	-1.1	-4.3	255
	3	24.4	-1.9	-6.8	254	20.6	-1.8	-7.7	256
	4	26.3	-2.8	-10.1	254	22.7	-3.8	-12.9	253
	5	28.2	-3.8	-13.4	254	26.0	-6.8	-16.3	247
	6	30.1	-4.7	-16.7	254	27.8	-10.9	-18.1	239
	7	32.0	-5.6	-20.0	254	30.1	-15.0	-19.1	232
	8	33.9	-6.6	-23.3	254	32.7	-17.1	-22.4	233
	9	35.8	-7.5	-26.6	254	36.5	-19.8	-26.1	233
	10	37.6	-8.4	-29.8	254	39.6	-21.8	-29.3	233
	11	39.5	-9.4	-33.1	254	42.6	-22.9	-33.0	235
	12	41.4	-10.3	-36.4	254	45.4	-24.4	-35.7	236
	13	43.3	-11.3	-39.7	254	46.9	-24.6	-38.5	237
	14	45.2	-12.2	-43.0	254	48.3	-24.7	-40.3	238
	15	47.1	-13.1	-46.3	254	48.3	-23.6	-41.4	240
	16	49.0	-14.1	-49.6	254	49.3	-22.8	-43.3	242
C	17	50.9	-15.0	-52.9	254	50.9	-15.0	-52.9	254
N	18	20.7	0.0	-0.2	252	20.7	0.0	-0.2	252
	19	28.2	-3.8	-13.4	254	26.0	-6.8	-16.3	247
	20	35.8	-7.5	-26.6	254	36.5	-19.8	-26.1	233
	21	43.3	-11.3	-39.7	254	46.9	-24.6	-38.5	237
C	22	50.9	-15.0	-52.9	254	50.9	-15.0	-52.9	254

Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G
relative CIELAB data used for "out"

$\Delta L^* = 50.86 - 20.66$
Regularity
 $g^* = 38.2$

Lightness gamut relative to offset
 $f^* = 39.0$

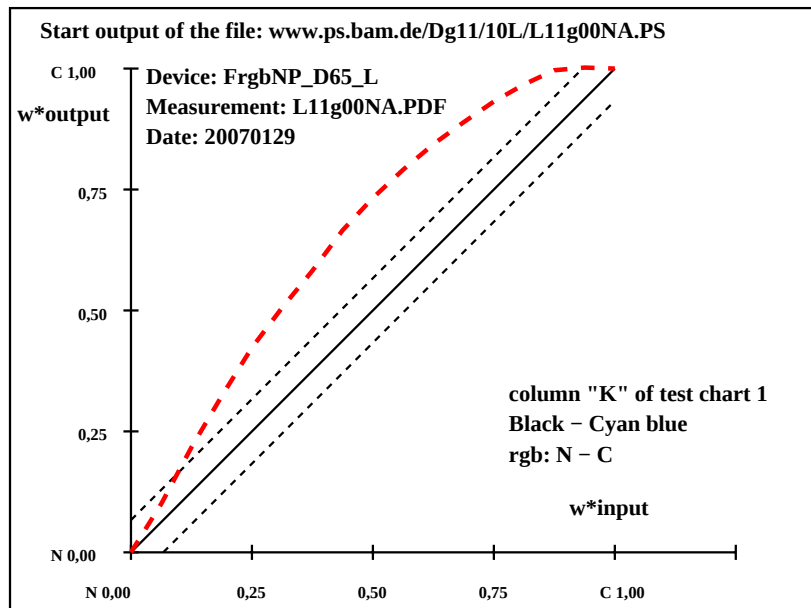
Black - Cyan blue
rgb: N - C

Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 8.1$
 $\Delta E^*_{CIELAB} = 8.6$

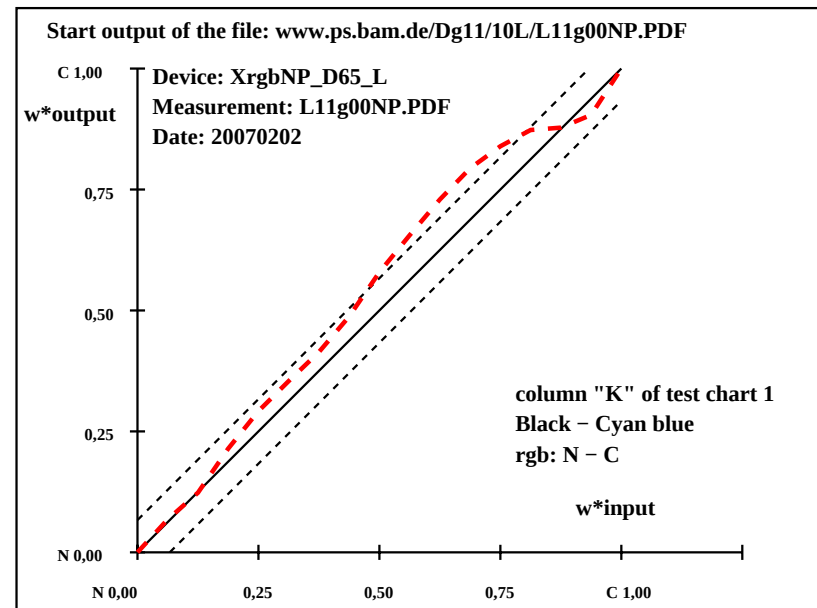
Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 6.0$
 $\Delta E^*_{CIELAB} = 6.2$

Mean colour reproduction index: $R^*_{ab,m} = 63$

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129



De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

Output specification of the test chart 1 according to 33872-1
17 step colour scale "K"; rgb input data; 2 devices, Page 11/24

input: *rgb* (-> *ol**) *setrgbcolor*
output: no change compared to input

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

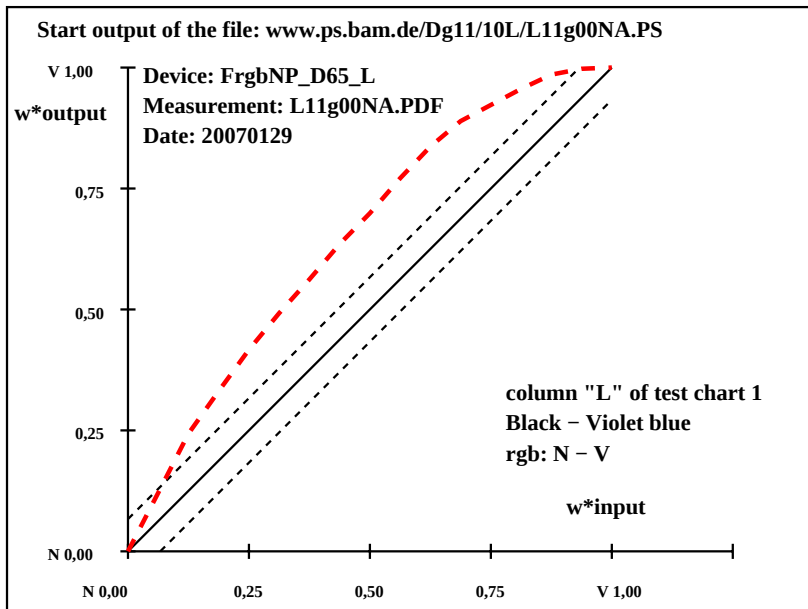
Start output S1
Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G
relative CIELAB data used for "out"
 $\Delta L^* = 13.88 - 8.73$
Regularity
 $g^* = 4.6$
Lightness gamut relative to offset
 $f^* = 6.7$
Black - Violet blue
rgb: N - V
Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 11.3$
 $\Delta E^*_{CIELAB} = 11.3$
Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 8.8$
 $\Delta E^*_{CIELAB} = 8.8$
Mean colour reproduction index: $R^*_{ab,m} = 50$

De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

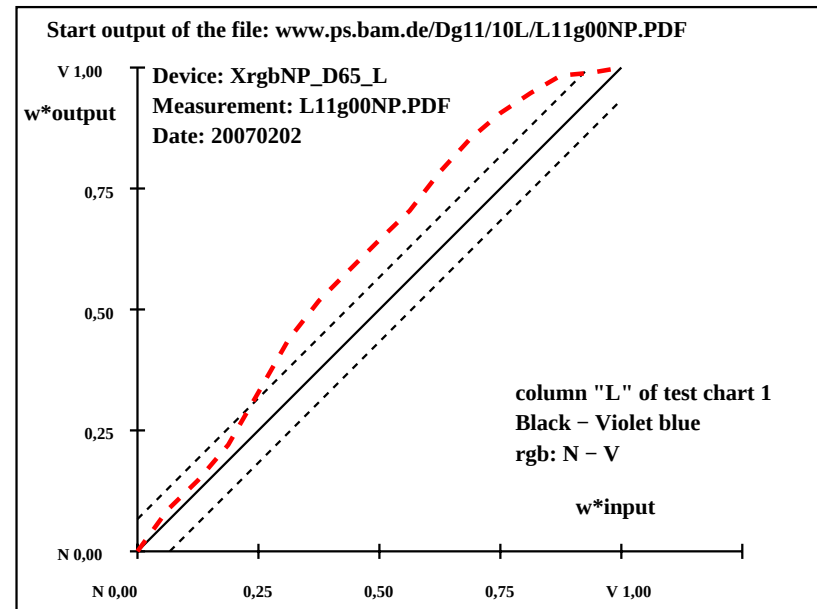
T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*
N	1	20.4	0.0	-0.2	252	20.4	0.0	-0.2
	2	21.5	0.0	-3.3	270	19.5	-0.4	-4.6
	3	22.7	0.1	-6.3	271	19.3	-0.4	-7.8
	4	23.8	0.1	-9.4	271	20.1	-0.8	-11.7
	5	25.0	0.2	-12.5	271	22.1	-1.1	-17.3
	6	26.1	0.3	-15.5	271	24.3	-0.7	-22.8
	7	27.3	0.4	-18.6	271	25.7	0.2	-26.8
	8	28.4	0.5	-21.6	271	27.0	0.9	-29.9
	9	29.6	0.6	-24.7	271	27.9	1.8	-33.0
	10	30.7	0.6	-27.8	271	29.2	2.7	-35.9
	11	31.9	0.7	-30.8	271	31.0	3.8	-39.7
	12	33.1	0.8	-33.9	271	32.7	4.4	-42.9
	13	34.2	0.9	-37.0	271	33.8	5.2	-45.4
	14	35.4	1.0	-40.0	271	35.0	5.3	-47.3
	15	36.5	1.0	-43.1	271	36.6	4.2	-48.9
	16	37.7	1.1	-46.1	271	37.2	3.3	-49.1
V	17	38.8	1.2	-49.2	271	38.8	1.2	-49.2
N	18	20.4	0.0	-0.2	252	20.4	0.0	-0.2
	19	25.0	0.2	-12.5	271	22.1	-1.1	-17.3
	20	29.6	0.6	-24.7	271	27.9	1.8	-33.0
	21	34.2	0.9	-37.0	271	33.8	5.2	-45.4
V	22	38.8	1.2	-49.2	271	38.8	1.2	-49.2

Start output S1
Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G
relative CIELAB data used for "out"
 $\Delta L^* = 38.83 - 20.35$
Regularity
 $g^* = 28.9$
Lightness gamut relative to offset
 $f^* = 23.9$
Black - Violet blue
rgb: N - V
Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 5.8$
 $\Delta E^*_{CIELAB} = 6.2$
Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 4.6$
 $\Delta E^*_{CIELAB} = 4.8$
Mean colour reproduction index: $R^*_{ab,m} = 73$

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129



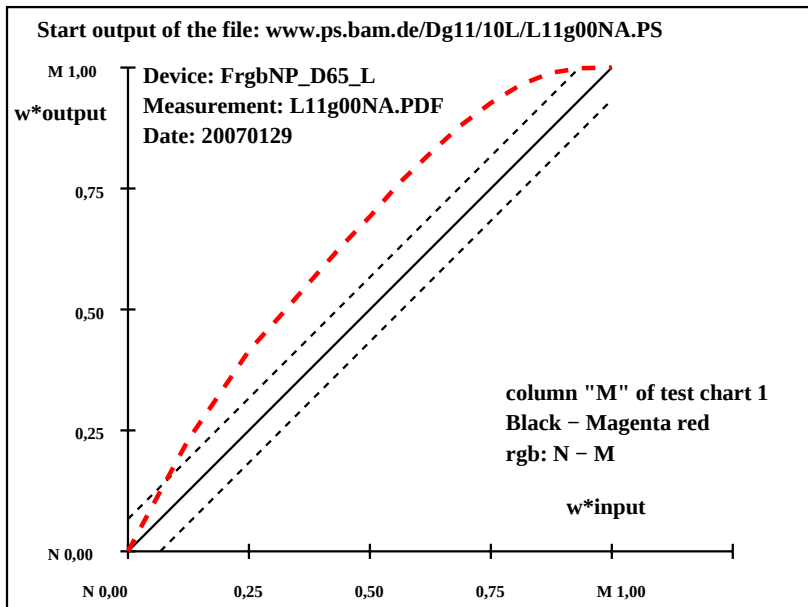
De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1						
N	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	relative CIELAB data used for "out"
	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	$\Delta L^* = 38.24 - 8.91$
	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	Regularity
	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	$g^* = 29.3$
	8	21.7	34.9	-14.9	337	23.8	47.6	-28.4	329	2.1	12.7	-13.4	18.5	18.7	
	9	23.6	39.9	-17.1	337	25.9	52.8	-30.6	330	2.4	13.0	-13.4	18.7	18.9	Lightness gamut relative to offset
	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	$f^* = 37.9$
	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	Black – Magenta red
	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	rgb: N – M
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{CIELAB} = 12.8$
M	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	$\Delta E^*_{CIELAB} = 13.1$
N	18	8.9	0.0	0.2	90	8.9	0.0	0.2	90	0.0	0.0	0.0	0.0	0.0	
	19	16.2	19.9	-8.4	337	17.6	30.4	-20.9	325	1.4	10.5	-12.4	16.3	16.4	
	20	23.6	39.9	-17.1	337	25.9	52.8	-30.6	330	2.4	13.0	-13.4	18.7	18.9	Mean CIELAB difference (5 steps)
	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	$\Delta H^*_{CIELAB} = 10.2$
M	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	$\Delta E^*_{CIELAB} = 10.3$
Mean colour reproduction index:										$R^*_{ab,m} = 43$					

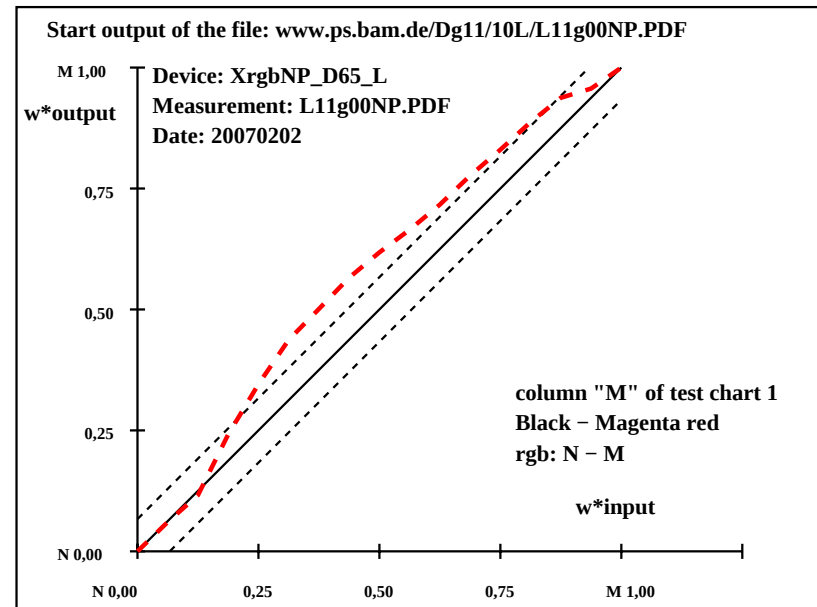
De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1											
N	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	0.0	0.0	0.0	0.0	0.0	Specification according to
	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						ISO/IEC 15775:1999 Annex G
	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						and DIN 33866-1:2000 Annex G
	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						relative CIELAB data used for "out"
	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						$\Delta L^* = 46.19 - 20.76$
	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						Regularity
	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						$g^* = 34.3$
	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						Lightness gamut relative to offset
	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						$f^* = 32.9$
	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						Black - Magenta red
	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						rgb: N - M
	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						Mean CIELAB difference (17 steps)
	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						$\Delta H^*_{CIELAB} = 10.0$
M	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						$\Delta E^*_{CIELAB} = 10.2$
N	18	20.8	0.0	-0.2	252	20.8	0.0	-0.2	252	0.0	0.0	0.0	0.0	0.0						
	19	27.1	17.8	-1.7	354	23.7	22.3	-13.6	328	-3.3	4.5	-11.8	12.7	13.2						
	20	33.5	35.6	-3.2	355	30.7	41.7	-19.2	335	-2.6	6.1	-15.9	17.1	17.3						Mean CIELAB difference (5 steps)
	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						$\Delta H^*_{CIELAB} = 7.9$
M	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						$\Delta E^*_{CIELAB} = 8.1$
Mean colour reproduction index:										$R^*_{ab,m} = 55$										

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

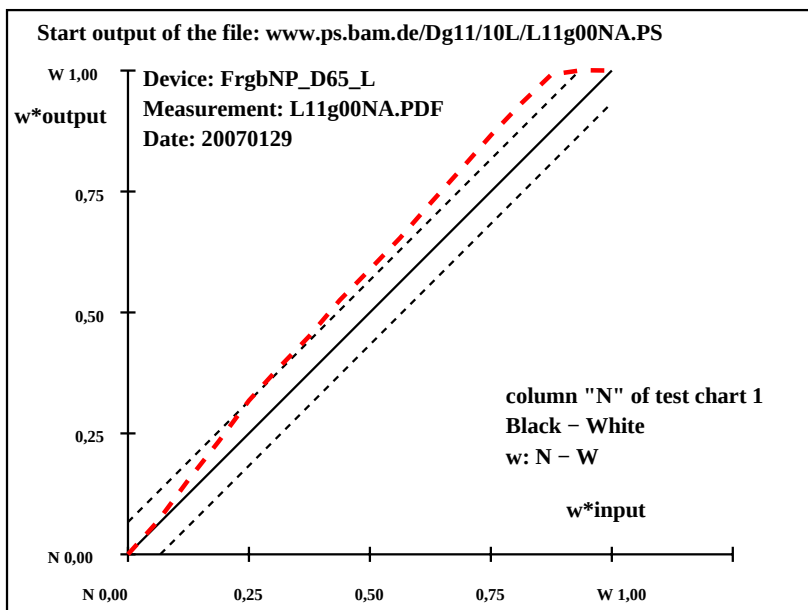


De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

See for similar files: <http://www.ps.bam.de/De17/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de/33872> Version 2.1, io=1,1

T	i	LAB*a,ref		hab,ref	LAB*a,out		hab,out	LAB*a,out/c-refΔH* ΔE*				Start output S1			
N	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	relative CIELAB data used for "out"
	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	ΔL* = 92.81 - 9.12
	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	Regularity
	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	g* = 42.5
	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	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	Lightness gamut relative to offset
	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	f* = 108.1
	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	Black - White
	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	W: N - W
	14	77.1	0.0	0.0	90	87.1	0.0	0.0	270	10.0	0.0	0.0	1.0	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	Mean CIELAB difference (17 steps)
	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	ΔH*CIELAB = 2.1
	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	ΔE*CIELAB = 6.3
N	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	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	Mean CIELAB difference (5 steps)
	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	ΔH*CIELAB = 1.7
W	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	ΔE*CIELAB = 4.9
Mean colour reproduction index:											R*ab,m = 72				

De170-3N.: Device: FrgbNP D65 L: Measurement: L11g00NA.PDF: Date: 20070129

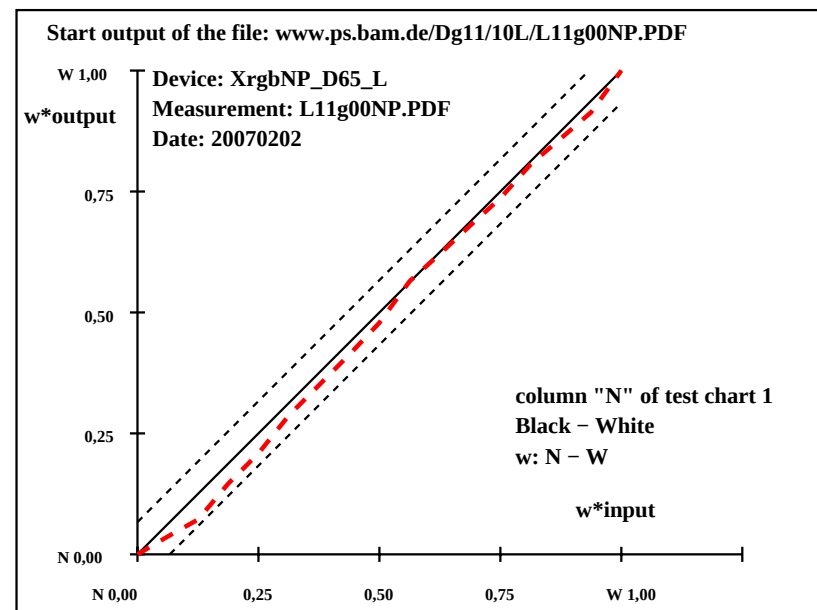


De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

Output specification of the test chart 1 according to 33872-1
17 step colour scale "N"; *rgb* input data; 2 devices, Page 14/24

T	i	LAB*a _{ref}	hab _{ref}	LAB*a _{out}	hab _{out}	LAB*a _{out} /c-ref	ΔH^*	ΔE^*	Start output S1									
N	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	0.0	0.0	0.0	Specification according to
	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	1.9	1.9	1.9	ISO/IEC 15775:1999 Annex G
	3	30.6	0.0	-0.1	240	26.6	0.0	0.0	0	-3.9	0.1	0.1	0.2	0.2	4.0	4.0	4.0	and DIN 33866-1:2000 Annex G
	4	35.2	0.0	-0.1	238	32.1	0.0	0.0	0	-3.0	0.1	0.2	0.2	0.2	3.1	3.1	3.1	relative CIELAB data used for "out"
	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	3.1	3.1	3.1	$\Delta L^* = 95.51 - 21.27$
	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	1.9	1.9	1.9	Regularity
	7	49.1	0.0	0.0	231	47.2	0.0	0.0	0	-1.8	0.1	0.1	0.1	0.2	1.9	1.9	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	0.2	1.9	1.9	1.9	
Z	9	58.4	0.0	0.0	225	56.8	0.0	0.3	108	-1.5	0.0	0.4	0.4	0.4	1.6	1.6	1.6	Lightness gamut relative to offset
	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	0.2	0.2	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	0.1	0.3	0.3	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	0.4	0.7	0.7	0.7	Black – White
	13	77.0	0.0	0.0	207	75.9	0.0	0.1	90	-0.9	0.1	0.2	0.2	0.2	1.0	1.0	1.0	w: N – W
	14	81.6	0.0	0.0	201	81.1	0.0	0.1	90	-0.4	0.1	0.1	0.1	0.2	0.5	0.5	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	0.2	1.2	1.2	1.2	Mean CIELAB difference (17 steps)
	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	1.8	1.8	1.8	$\Delta H^*_{CIELAB} = 0.2$
W	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	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 1.5$
N	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	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	3.1	3.1	3.1	
Z	20	58.4	0.0	0.0	225	56.8	0.0	0.3	108	-1.5	0.0	0.4	0.4	0.4	1.6	1.6	1.6	Mean CIELAB difference (5 steps)
	21	77.0	0.0	0.0	207	75.9	0.0	0.1	90	-0.9	0.1	0.2	0.2	0.2	1.0	1.0	1.0	$\Delta H^*_{CIELAB} = 0.2$
W	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	0.0	0.0	0.0	$\Delta E^*_{CIELAB} = 1.1$
Mean colour reproduction index:																		$R^*_{ab,m} = 94$

De171-3N.: Device: XrgbNP D65 L: Measurement: L11g00NP.PDF: Date: 20070202



De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

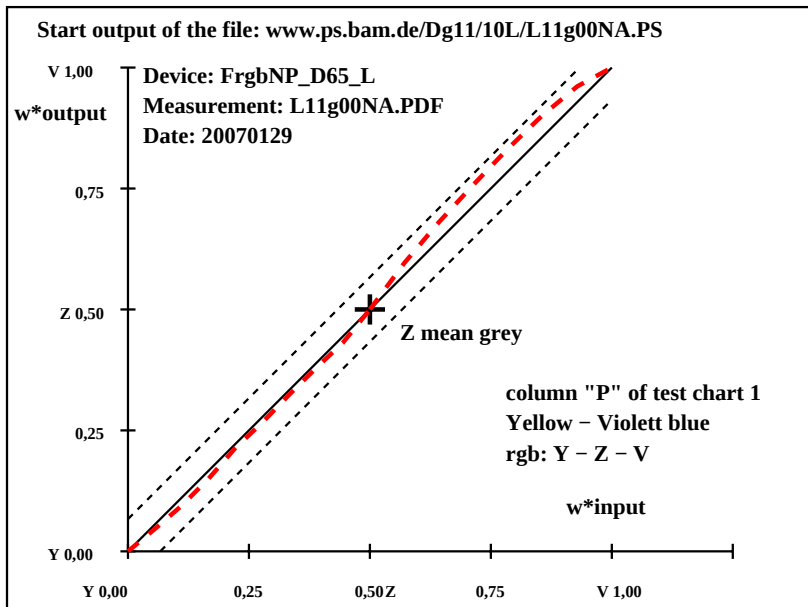
input: *rgb (->olv*) setrgbcolor*
output: no change compared to input

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1						
Y	1	84.6	-3.8	110.392	84.6	-3.8	110.392	0.0	0.0	0.0	0.0	Specification according to			
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	Regularity
	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	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	Yellow – Violet blue
	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
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{CIELAB} = 6.3$
V	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	$\Delta E^*_{CIELAB} = 7.4$
Y	18	84.6	-3.8	110.392	84.6	-3.8	110.392	0.0	0.0	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	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	Mean CIELAB difference (5 steps)
	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	$\Delta H^*_{CIELAB} = 3.9$
V	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	$\Delta E^*_{CIELAB} = 4.6$

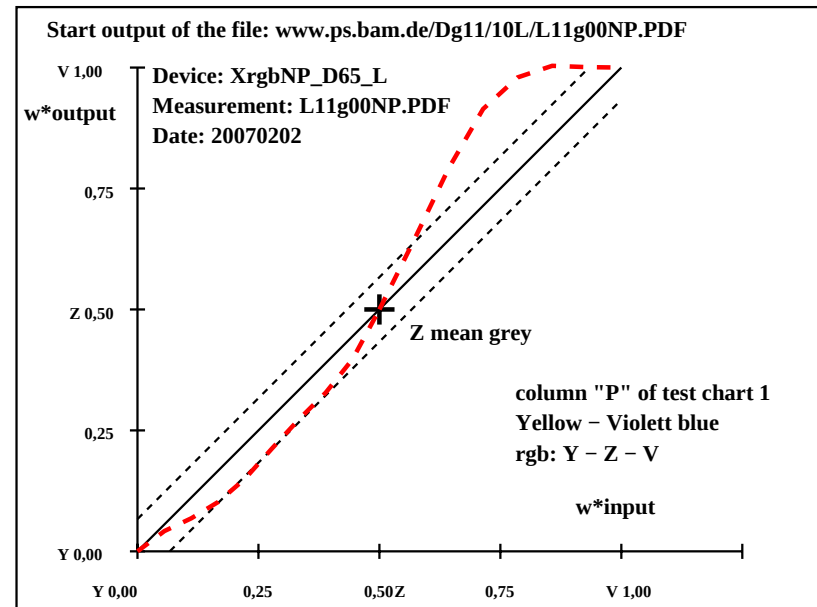
De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1						
Y	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	Regularity
	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	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	Yellow – Violet blue
	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
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{CIELAB} = 9.1$
V	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	$\Delta E^*_{CIELAB} = 10.0$
Y	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	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	Mean CIELAB difference (5 steps)
	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	$\Delta H^*_{CIELAB} = 6.4$
V	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	$\Delta E^*_{CIELAB} = 7.1$

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

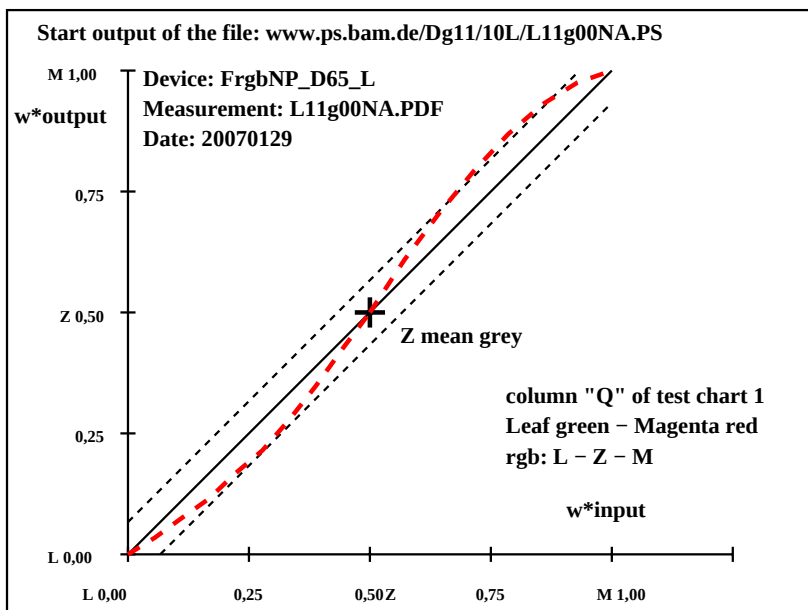


De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

See for similar files: <http://www.ps.bam.de/De17/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de/33872> Version 2.1, io=1,1

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*	Start output S1
L	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	3	48.3–47.1	36.6	144	54.3–56.7	40.4	145	5.9 –9.5 3.8 10.3 11.9	and DIN 33866-1:2000 Annex G
	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	Regularity
	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	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	Leaf green – Magenta red
	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: L – Z – M
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{CIELAB} = 9.0$
M	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	$\Delta E^*_{CIELAB} = 9.8$
L	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	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	Mean CIELAB difference (5 steps)
	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	$\Delta H^*_{CIELAB} = 5.6$
M	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	$\Delta E^*_{CIELAB} = 6.2$

De170-3N.: Device: FrgbNP D65 L: Measurement: L11g00NA.PDF: Date: 20070129

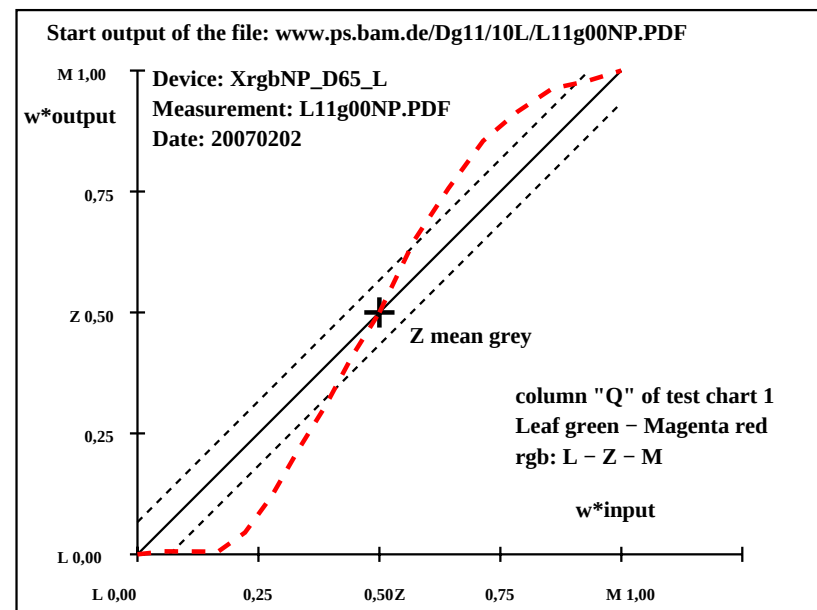


De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

Output specification of the test chart 1 according to 33872-1
17 step colour scale "Q"; *rgb* input data; 2 devices, Page 17/24

T	i	LAB*a _{ref}	hab _{ref}	LAB*a _{out}	hab _{out}	LAB*a _{out} /c-ref	ΔH^*	ΔE^*	ΔE^*	Start output S1					
L	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	Regularity
	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	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	Leaf green – Magenta red
	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: L – Z – M
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{CIELAB} = 14.5$
M	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	$\Delta E^*_{CIELAB} = 15.3$
	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	
L	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	
	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	Mean CIELAB difference (5 steps)
Z	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	$\Delta H^*_{CIELAB} = 10.2$
	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	$\Delta E^*_{CIELAB} = 10.8$

De171-3N.: Device: XrgbNP D65 L: Measurement: L11g00NP.PDF: Date: 20070202



De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

input: *rgb (->olv*) setrgbcolor*
output: no change compared to input

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
	2	39.7	55.6	49.6	42	80.1	2.0	103.6	89
	3	51.3	40.1	65.4	59	68.2	18.3	86.4	78
	4	64.7	22.0	83.7	75	53.2	39.5	66.1	59
J	5	84.0	-3.7	109.8	92	84.4	-3.9	110.0	92
	6	66.6	-29.3	83.2	109	80.3	-12.7	104.2	97
	7	53.8	-47.7	63.5	127	68.5	-33.4	85.6	111
	8	44.8	-59.1	42.3	145	57.9	-48.4	69.3	125
G	9	48.0	-48.3	15.7	162	44.2	-61.5	48.9	142
	10	50.7	-39.2	-6.5	190	50.6	-48.4	-3.7	184
C	11	52.8	-32.0	-24.1	217	53.9	-29.1	-31.5	227
	12	48.0	-17.0	-35.8	245	43.5	-6.9	-41.4	260
B	13	38.9	1.5	-42.4	272	14.2	52.2	-60.3	311
	14	24.7	30.9	-52.9	300	27.8	65.1	-48.7	323
M	15	30.9	70.3	-43.0	329	38.7	79.5	-34.4	337
	16	37.6	72.0	-4.0	357	37.6	71.9	-15.5	348
R	17	36.4	64.1	29.9	25	35.8	61.1	45.0	36
	18	36.4	64.1	29.9	25	36.6	60.6	43.8	36
J	19	84.0	-3.7	109.8	92	84.4	-3.9	110.0	92
	20	48.0	-48.3	15.7	162	44.2	-61.5	48.9	142
B	21	38.9	1.5	-42.4	272	14.2	52.2	-60.3	311
R	22	36.4	64.1	29.9	25	35.8	61.1	45.0	36

Start output S1
Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G

Red-Yellow-Green-Blue
rgb: R-J-G-B-R

Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 23.8$
 $\Delta E^*_{CIELAB} = 26.9$

Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 20.8$
 $\Delta E^*_{CIELAB} = 25.1$

De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

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
	2	50.5	52.8	47.1	42	47.0	58.3	45.9	38
	3	59.3	37.6	61.3	58	56.4	41.7	62.8	56
	4	69.2	20.4	77.4	75	75.9	7.2	90.6	85
J	5	83.1	-3.4	99.8	92	90.8	-16.8	112.4	99
	6	77.6	-31.8	90.0	110	76.6	-31.4	88.0	110
	7	62.6	-48.6	64.6	127	55.6	-54.4	52.3	136
	8	50.5	-62.0	44.3	145	48.6	-63.3	41.1	147
G	9	46.8	-57.2	18.6	162	47.3	-65.0	38.4	149
	10	48.4	-42.2	-7.0	190	48.2	-64.4	35.9	151
C	11	49.4	-32.2	-24.2	217	52.1	-16.3	-52.3	253
	12	50.6	-20.8	-43.7	245	46.0	-7.1	-50.1	262
B	13	38.4	1.7	-49.1	272	39.2	1.1	-49.2	271
	14	40.5	21.6	-36.9	300	33.5	19.1	-43.3	294
M	15	42.7	41.0	-25.0	329	46.2	71.5	-6.1	355
	16	46.1	70.7	-3.9	357	46.0	67.5	7.0	6
R	17	46.3	62.7	29.2	25	46.2	60.8	36.4	31
	18	46.3	62.7	29.2	25	46.2	60.2	39.2	33
J	19	83.1	-3.4	99.8	92	90.8	-16.8	112.4	99
	20	46.8	-57.2	18.6	162	47.3	-65.0	38.4	149
B	21	38.4	1.7	-49.1	272	39.2	1.1	-49.2	271
R	22	46.3	62.7	29.2	25	46.2	60.8	36.4	31

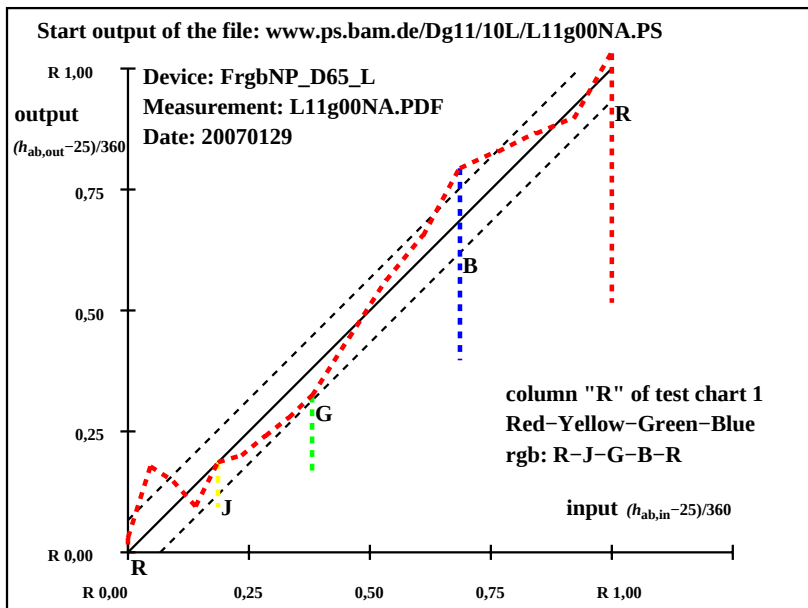
Start output S1
Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G

Red-Yellow-Green-Blue
rgb: R-J-G-B-R

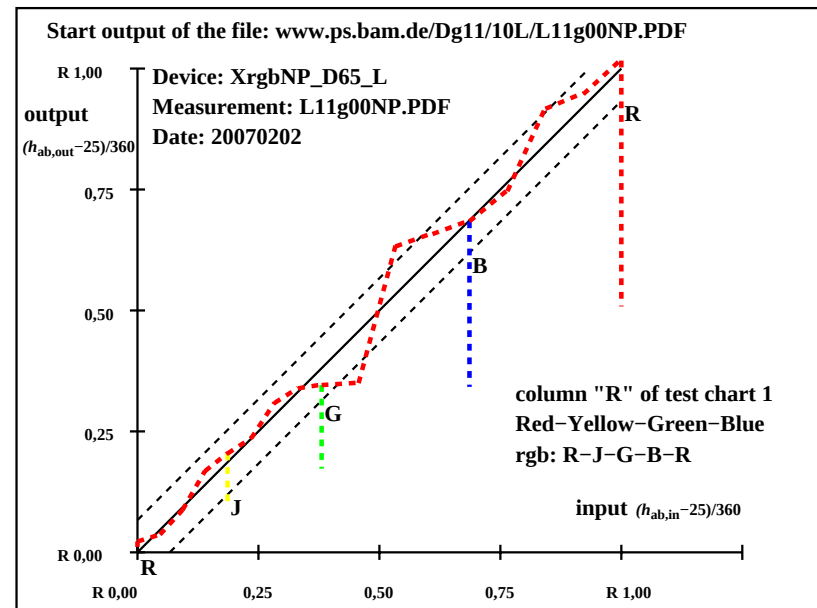
Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 14.6$
 $\Delta E^*_{CIELAB} = 15.7$

Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 10.1$
 $\Delta E^*_{CIELAB} = 12.0$

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129



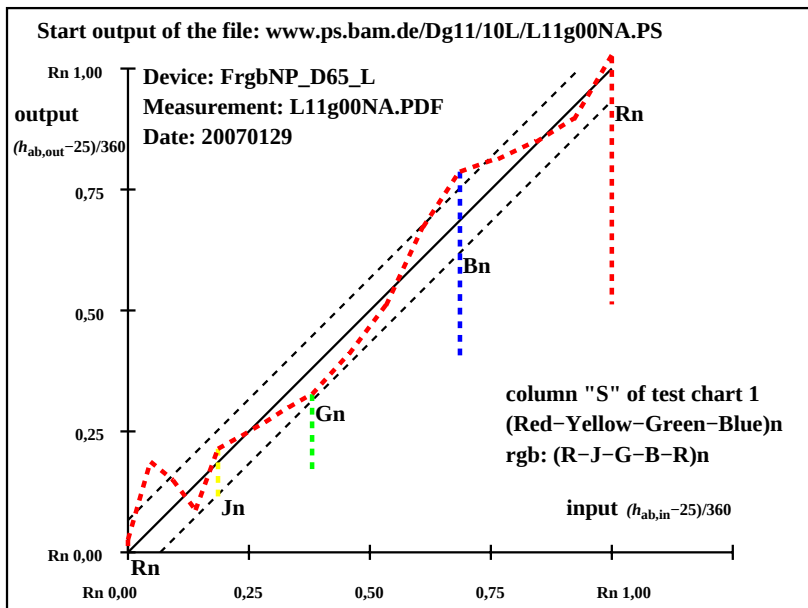
De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out-ref	ΔH^*	ΔE^*	Start output S1
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	Specification according to ISO/IEC 15775:1999 Annex G and DIN 33866-1:2000 Annex G
	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	(Red-Yellow-Green-Blue)n
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
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{\text{CIELAB}} = 21.3$
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	$\Delta E^*_{\text{CIELAB}} = 23.8$
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	Mean CIELAB difference (5 steps)
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	$\Delta H^*_{\text{CIELAB}} = 21.4$
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	$\Delta E^*_{\text{CIELAB}} = 24.2$

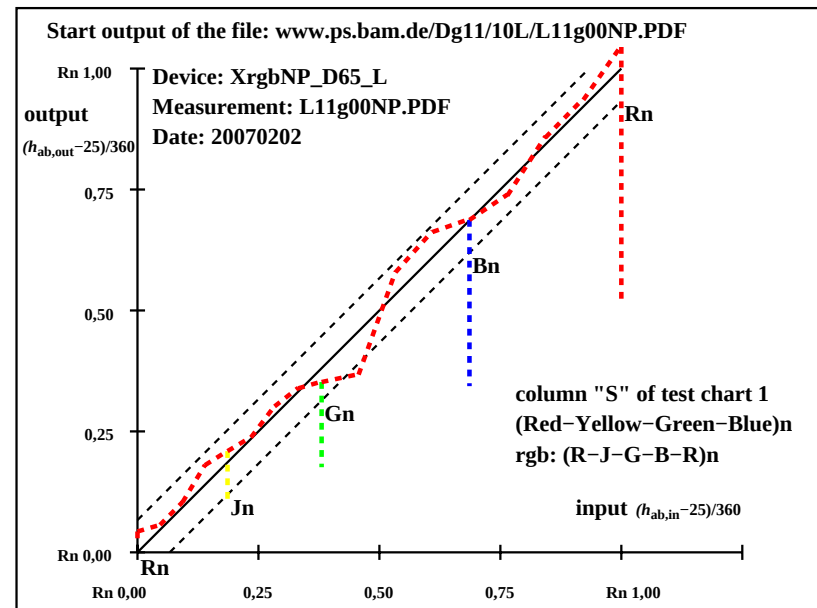
De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref		hab,ref	LAB*a,out		hab,out	LAB*a,out-ref		ΔH^*	ΔE^*	Start output S1			
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	Specification according to ISO/IEC 15775:1999 Annex G and DIN 33866-1:2000 Annex G
	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	(Red-Yellow-Green-Blue)n rgb: (R-J-G-B-R)n
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{\text{CIELAB}} = 15.3$ $\Delta E^*_{\text{CIELAB}} = 16.6$
	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	
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	Mean CIELAB difference (5 steps)
	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	$\Delta H^*_{\text{CIELAB}} = 14.3$ $\Delta E^*_{\text{CIELAB}} = 17.6$
	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	

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129



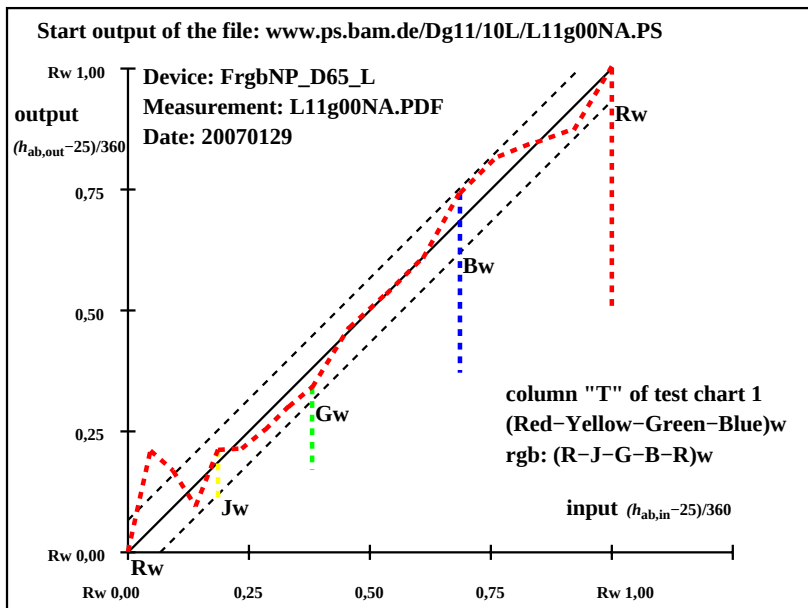
De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out-ref	ΔH^*	ΔE^*	Start output S1						
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	Specification according to ISO/IEC 15775:1999 Annex G and DIN 33866-1:2000 Annex G
	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	(Red-Yellow-Green-Blue)w rgb: (R-J-G-B-R)w
	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	Mean CIELAB difference (17 steps)
	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	Mean CIELAB difference (5 steps)
	14	58.6	15.5	-26.4	300	68.1	29.4	-25.1	319	9.4	13.9	1.3	14.0	16.9	
M	15	61.8	35.2	-21.4	329	71.2	37.2	-21.4	330	9.5	2.0	0.0	2.0	9.7	
	16	65.1	36.0	-1.9	357	70.5	33.8	-12.7	339	5.3	-2.1	-10.7	11.0	12.2	
R	17	64.5	32.1	14.9	25	69.4	26.3	12.6	26	4.9	-5.7	-2.2	6.2	7.9	$\Delta H^*_{CIELAB} = 11.6$ $\Delta E^*_{CIELAB} = 15.2$
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	$\Delta H^*_{CIELAB} = 11.6$ $\Delta E^*_{CIELAB} = 13.5$
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	

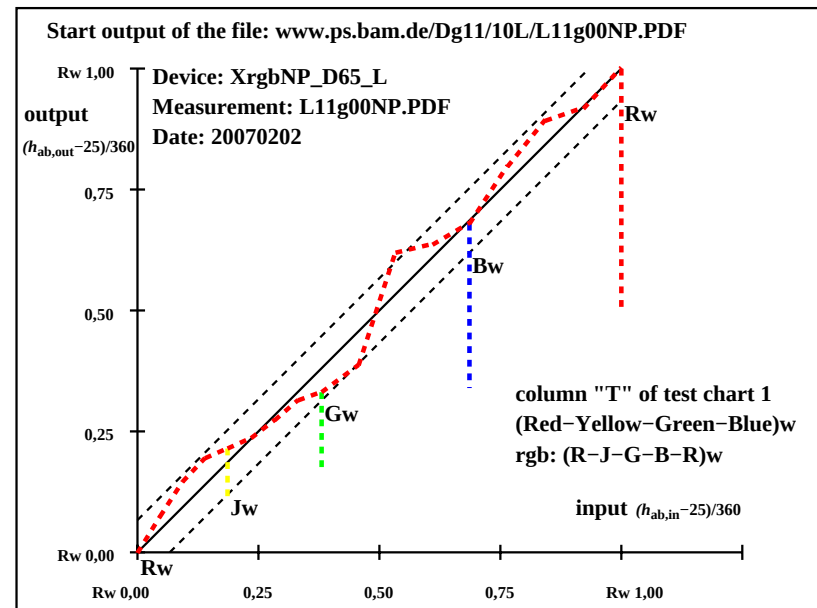
De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out-ref	ΔH^*	ΔE^*	Start output S1						
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	Specification according to ISO/IEC 15775:1999 Annex G and DIN 33866-1:2000 Annex G
	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	(Red-Yellow-Green-Blue)w rgb: (R-J-G-B-R)w
	12	73.0	-10.4	-21.8	245	62.9	-8.2	-28.6	254	-10.0	2.2	-6.7	7.1	12.4	
B	13	66.9	0.9	-24.5	272	58.8	-0.2	-35.4	270	-8.0	-1.1	-10.8	11.0	13.7	
	14	68.0	10.8	-18.4	300	54.8	23.8	-26.4	312	-13.1	13.0	-7.9	15.3	20.2	
M	15	69.1	20.5	-12.4	329	61.0	47.4	-11.6	346	-7.9	26.9	0.8	26.9	28.1	Mean CIELAB difference (17 steps)
	16	70.8	35.4	-1.9	357	59.0	43.8	-3.7	355	-11.7	8.4	-1.7	8.6	14.7	
R	17	70.9	31.3	14.6	25	63.0	38.0	17.6	25	-7.8	6.7	3.0	7.3	10.8	$\Delta H^*_{CIELAB} = 18.3$ $\Delta E^*_{CIELAB} = 21.1$
	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	Mean CIELAB difference (5 steps)
	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	$\Delta H^*_{CIELAB} = 17.5$ $\Delta E^*_{CIELAB} = 19.5$
	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	

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

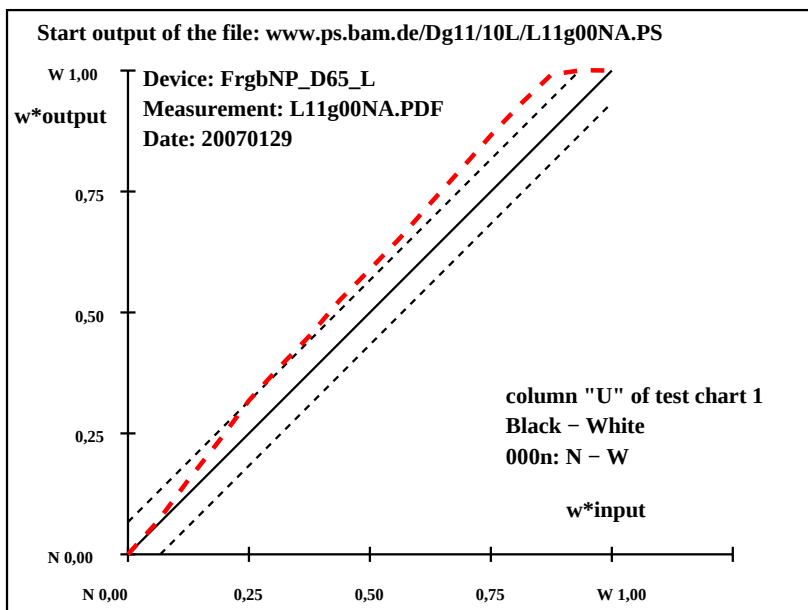


De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

See for similar files: <http://www.ps.bam.de/De17/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de/33872> Version 2.1, io=1,1

T	i	LAB*a _{ref}		hab _{ref}	LAB*a _{out}		hab _{out}	LAB*a _{out} /c-refΔH* ΔE*				Start output S1			
N	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	relative CIELAB data used for "out"
	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	ΔL* = 92.81 - 9.12
	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	Regularity
	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	g* = 42.5
	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	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	Lightness gamut relative to offset
	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	f* = 108.1
	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	Black – White
	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	000n: N – W
	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	Mean CIELAB difference (17 steps)
	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	ΔH*CIELAB = 2.1
	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	ΔE*CIELAB = 6.3
N	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	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	Mean CIELAB difference (5 steps)
	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	ΔH*CIELAB = 1.7
W	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	ΔE*CIELAB = 4.9
Mean colour reproduction index: R* _{ab,m} = 72															

De170-3N.: Device: FrgbNP D65 L: Measurement: L11g00NA.PDF: Date: 20070129

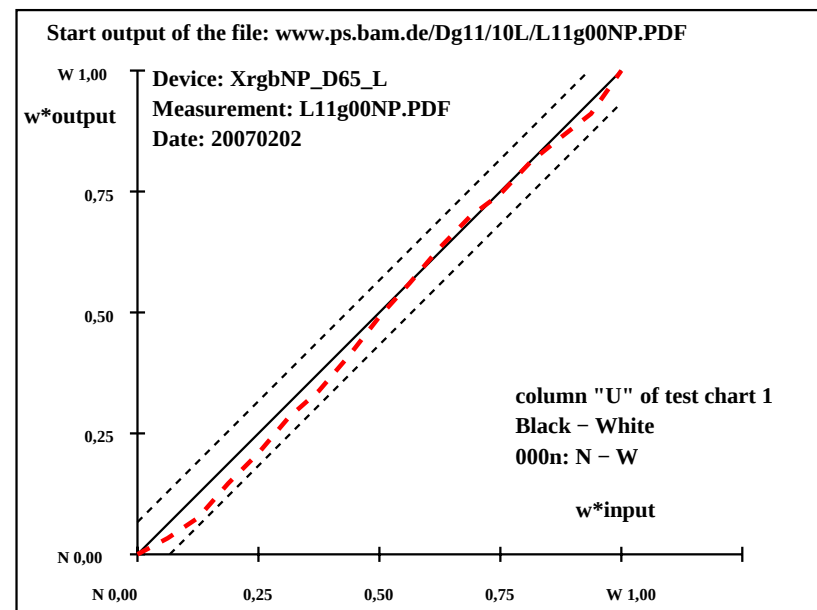


De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

Output specification of the test chart 1 according to 33872-1
17 step colour scale "U"; *rgb* input data; 2 devices, Page 21/24

T	i	LAB*a _{ref}	hab _{ref}	LAB*a _{out}	hab _{out}	LAB*a _{out} /c-ref	ΔH^*	ΔE^*	Start output S1
N	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	Specification according to
	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	ISO/IEC 15775:1999 Annex G
	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	and DIN 33866-1:2000 Annex G
	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	relative CIELAB data used for "out"
	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	$\Delta L^* = 95.42 - 22.63$
	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	Regularity
	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	$g^* = 74.4$
	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	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	Lightness gamut relative to offset
	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	$f^* = 94.0$
	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	Black – White
	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	000n: N – W
	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	Mean CIELAB difference (17 steps)
	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	$\Delta H^*_{CIELAB} = 0.2$
	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	$\Delta E^*_{CIELAB} = 1.4$
W	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	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	Mean CIELAB difference (5 steps)
	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	$\Delta H^*_{CIELAB} = 0.2$
W	22	95.4	0.0	0.2 90	95.4	0.0	0.2 90	0.0 0.0 0.0 0.0 0.0	$\Delta E^*_{CIELAB} = 0.8$
Mean colour reproduction index:									$R^*_{ab,m} = 94$

De171-3N.: Device: XrgbNP D65 L: Measurement: L11g00NP.PDF: Date: 20070202



De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

input: *rgb (->olv*) setrgbcolor*
output: no change compared to input

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*
N	1	8.7	0.0	0.0	0	8.7	0.0	0.0
	2	13.9	0.0	0.0	0	13.9	0.7	-2.5
	3	19.1	0.0	0.0	0	20.8	-0.2	-3.9
	4	24.4	0.0	0.0	0	27.4	-1.8	-3.0
	5	29.6	0.0	0.0	0	34.4	-2.2	-3.4
	6	34.9	0.0	0.0	0	40.2	-2.7	-1.7
	7	40.1	0.0	0.0	0	45.9	-3.1	-1.5
	8	45.4	0.0	0.0	0	52.0	-3.9	-1.1
Z	9	50.6	0.0	0.0	0	57.5	-3.9	-1.5
	10	55.9	0.0	0.0	0	63.4	-3.1	-1.9
	11	61.1	0.0	0.0	0	69.1	-1.8	-2.1
	12	66.4	0.0	0.0	0	75.2	-0.6	-2.1
	13	71.6	0.0	0.0	0	81.2	0.1	-1.4
	14	76.9	0.0	0.0	0	86.9	0.0	-0.1
	15	82.1	0.0	0.0	0	92.0	-0.7	1.1
	16	87.4	0.0	0.0	0	92.7	0.0	0.0
W	17	92.6	0.0	0.0	0	92.6	0.0	0.0
N	18	8.7	0.0	0.0	0	8.7	0.0	0.0
	19	29.6	0.0	0.0	0	34.4	-2.2	-3.4
Z	20	50.6	0.0	0.0	0	57.5	-3.9	-1.5
	21	71.6	0.0	0.0	0	81.2	0.1	-1.4
W	22	92.6	0.0	0.0	0	92.6	0.0	0.0

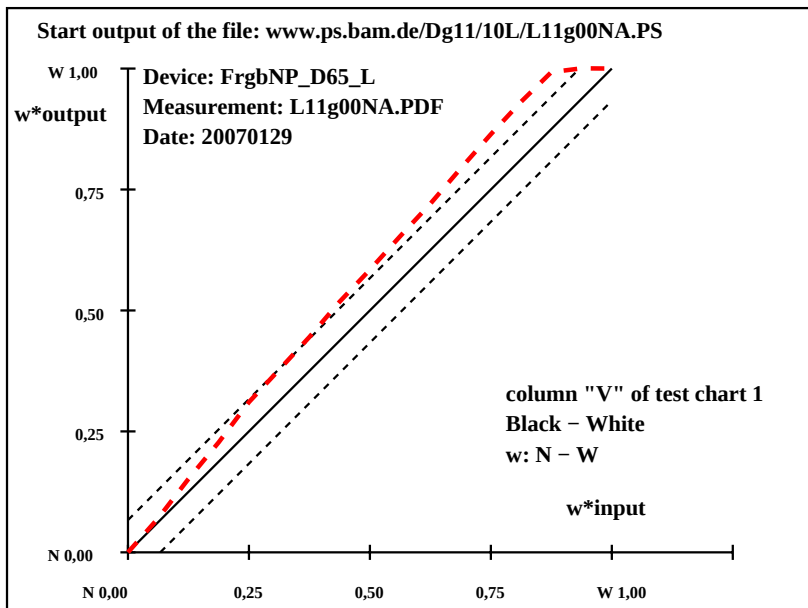
Start output S1
Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G
relative CIELAB data used for "out"
 $\Delta L^* = 92.63 - 8.65$
Regularity
 $g^* = 44.4$
Lightness gamut relative to offset
 $f^* = 108.5$
Black - White
w: N - W
Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 2.5$
 $\Delta E^*_{CIELAB} = 6.3$
Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 2.0$
 $\Delta E^*_{CIELAB} = 4.8$
Mean colour reproduction index: $R^*_{ab,m} = 72$

De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

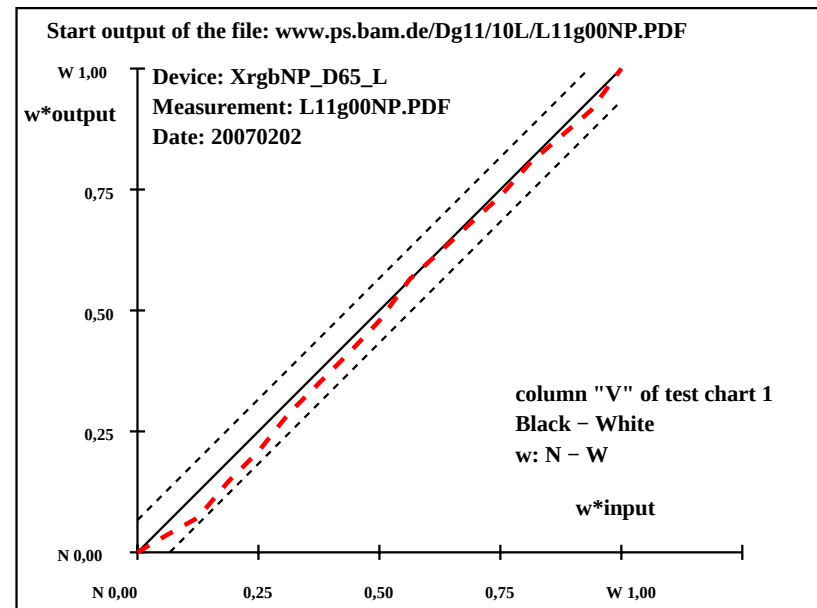
T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-ref	ΔH^*	ΔE^*
N	1	21.3	0.0	-0.1	243	21.3	0.0	0.0
	2	25.9	0.0	-0.1	242	24.0	0.0	270
	3	30.6	0.0	-0.1	240	26.6	0.0	0
	4	35.2	0.0	-0.1	238	32.1	0.0	0
	5	39.8	0.0	-0.1	236	36.8	0.0	0
	6	44.5	0.0	0.0	234	42.6	0.0	270
	7	49.1	0.0	0.0	231	47.2	0.0	0
	8	53.8	0.0	0.0	228	51.9	0.0	0
Z	9	58.4	0.0	0.0	225	56.8	0.0	0
	10	63.0	0.0	0.0	221	63.2	0.0	180
	11	67.7	0.0	0.0	217	67.4	0.0	0
	12	72.3	0.0	0.0	212	71.7	0.0	0
	13	77.0	0.0	0.0	207	75.9	0.0	0
	14	81.6	0.0	0.0	201	81.1	0.0	0
	15	86.2	0.0	0.0	194	85.1	0.0	0
	16	90.9	0.0	0.0	187	89.1	0.0	0
W	17	95.5	0.0	0.0	180	95.5	0.0	0
N	18	21.3	0.0	-0.1	243	21.3	0.0	0.0
	19	39.8	0.0	-0.1	236	36.8	0.0	0
Z	20	58.4	0.0	0.0	225	56.8	0.0	0
	21	77.0	0.0	0.0	207	75.9	0.0	0
W	22	95.5	0.0	0.0	180	95.5	0.0	0

Start output S1
Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G
relative CIELAB data used for "out"
 $\Delta L^* = 95.51 - 21.27$
Regularity
 $g^* = 77.3$
Lightness gamut relative to offset
 $f^* = 95.9$
Black - White
w: N - W
Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 0.2$
 $\Delta E^*_{CIELAB} = 1.5$
Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 0.2$
 $\Delta E^*_{CIELAB} = 1.1$
Mean colour reproduction index: $R^*_{ab,m} = 94$

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

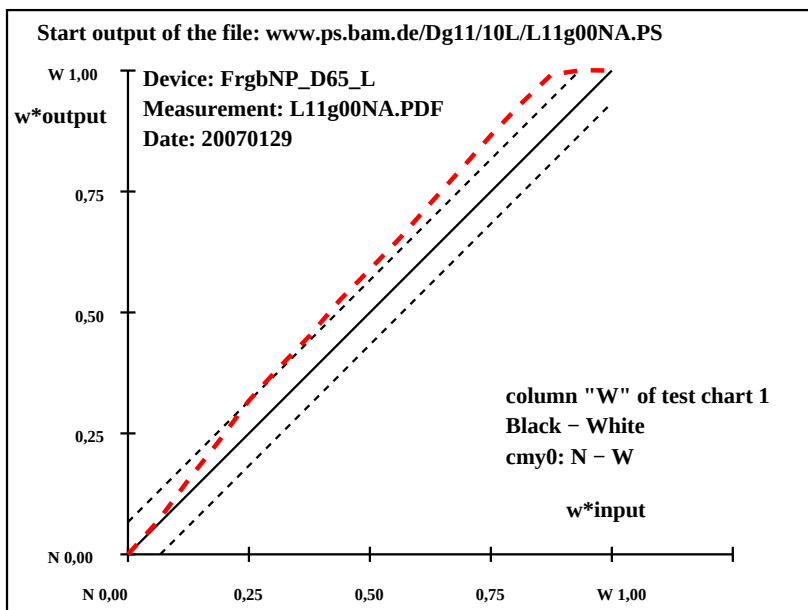


De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

See for similar files: <http://www.ps.bam.de/De17/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de/33872> Version 2.1, io=1,1

T	i	LAB*a _{ref}		hab _{ref}		LAB*a _{out}		hab _{out}		LAB*a _{out} /c-refΔH* ΔE*				Start output S1			
N	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	Specification according to		
	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	ISO/IEC 15775:1999 Annex G		
	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	and DIN 33866-1:2000 Annex G		
	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	relative CIELAB data used for "out"		
	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	ΔL* = 92.81 - 9.12		
	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	Regularity		
	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	g* = 42.5		
	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	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	Lightness gamut relative to offset		
	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	f* = 108.1		
	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	Black – White		
	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	cmy0: N – W		
	14	77.1	0.0	0.0	90	87.1	0.0	0.0	270	10.0	0.0	0.0	1.0	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	Mean CIELAB difference (17 steps)		
	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	ΔH*CIELAB = 2.1		
W	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	ΔE*CIELAB = 6.3		
	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			
Z	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			
	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	Mean CIELAB difference (5 steps)		
	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	ΔH*CIELAB = 1.7		
W	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	ΔE*CIELAB = 4.9		
Mean colour reproduction index: R* _{ab,m} = 72																	

De170-3N.: Device: FrgbNP D65 L: Measurement: L11g00NA.PDF: Date: 20070129

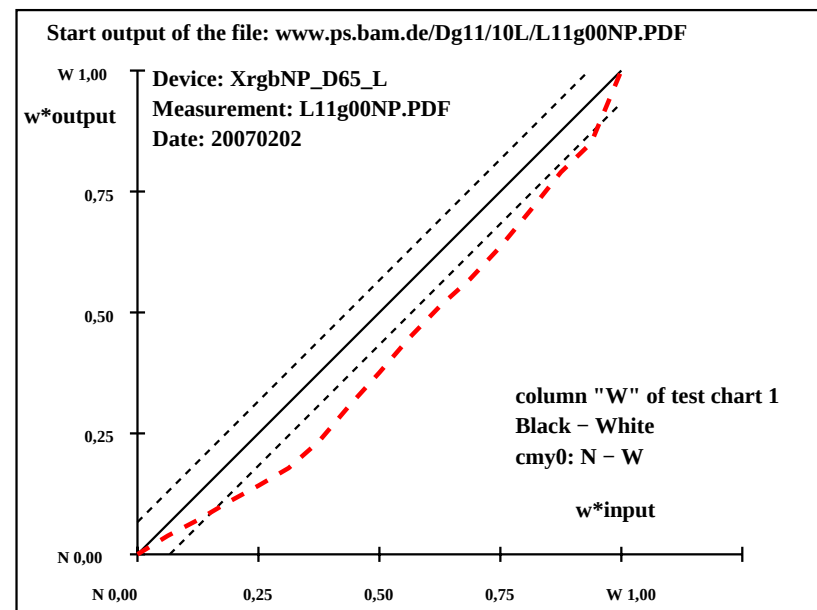


De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

Output specification of the test chart 1 according to 33872-1
17 step colour scale "W"; *rgb* input data; 2 devices, Page 23/24

T	i	LAB*a _{ref}	hab _{ref}	LAB*a _{out}	hab _{out}	LAB*a _{out} /c-ref	ΔH*	ΔE*	Start output S1								
N	1	26.9	0.0	0.0	0	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Specification according to
	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	1.5	1.3	ISO/IEC 15775:1999 Annex G
	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	1.5	1.4	and DIN 33866-1:2000 Annex G
	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	1.9	6.0	relative CIELAB data used for "out"
	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	2.8	8.3	ΔL* = 95.41 – 26.94
	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	2.8	9.9	Regularity
	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	3.3	10.6	g* = 36.6
	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	5.3	11.0	
Z	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	6.4	11.3	Lightness gamut relative to offset
	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	7.2	11.4	f* = 88.5
	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	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	6.5	10.9	Black – White
	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	6.3	10.4	cmY0: N – W
	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	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	5.4	8.1	Mean CIELAB difference (17 steps)
	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	1.9	6.3	ΔH* _{CIELAB} = 3.9
	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	0.0	0.0	ΔE* _{CIELAB} = 7.7
	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	0.0	0.0	
Z	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	2.8	8.3	
	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	6.4	11.3	Mean CIELAB difference (5 steps)
	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	6.3	10.4	ΔH* _{CIELAB} = 3.1
W	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	0.0	0.0	ΔE* _{CIELAB} = 6.0
Mean colour reproduction index:																	R* _{ab,m} = 66

De171-3N.: Device: XrgbNP D65 L: Measurement: L11g00NP.PDF: Date: 20070202



De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202

input: *rgb (->olv*) setrgbcolor*
output: no change compared to input

T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-refΔH*	ΔE*	Start output S1
N	1	8.7	0.0	0.0	0	8.7	0.0	0.0
	2	13.9	0.0	0.0	0	13.9	0.7	-2.5
	3	19.1	0.0	0.0	0	20.8	-0.2	-3.9
	4	24.4	0.0	0.0	0	27.4	-1.8	-3.0
	5	29.6	0.0	0.0	0	34.4	-2.2	-3.4
	6	34.9	0.0	0.0	0	40.2	-2.7	-1.7
	7	40.1	0.0	0.0	0	45.9	-3.1	-1.5
	8	45.4	0.0	0.0	0	52.0	-3.9	-1.1
Z	9	50.6	0.0	0.0	0	57.5	-3.9	-1.5
	10	55.9	0.0	0.0	0	63.4	-3.1	-1.9
	11	61.1	0.0	0.0	0	69.1	-1.8	-2.1
	12	66.4	0.0	0.0	0	75.2	-0.6	-2.1
	13	71.6	0.0	0.0	0	81.2	0.1	-1.4
	14	76.9	0.0	0.0	0	86.9	0.0	-0.1
	15	82.1	0.0	0.0	0	92.0	-0.7	1.1
	16	87.4	0.0	0.0	0	92.7	0.0	0.0
W	17	92.6	0.0	0.0	0	92.6	0.0	0.0
N	18	8.7	0.0	0.0	0	8.7	0.0	0.0
	19	29.6	0.0	0.0	0	34.4	-2.2	-3.4
Z	20	50.6	0.0	0.0	0	57.5	-3.9	-1.5
	21	71.6	0.0	0.0	0	81.2	0.1	-1.4
W	22	92.6	0.0	0.0	0	92.6	0.0	0.0

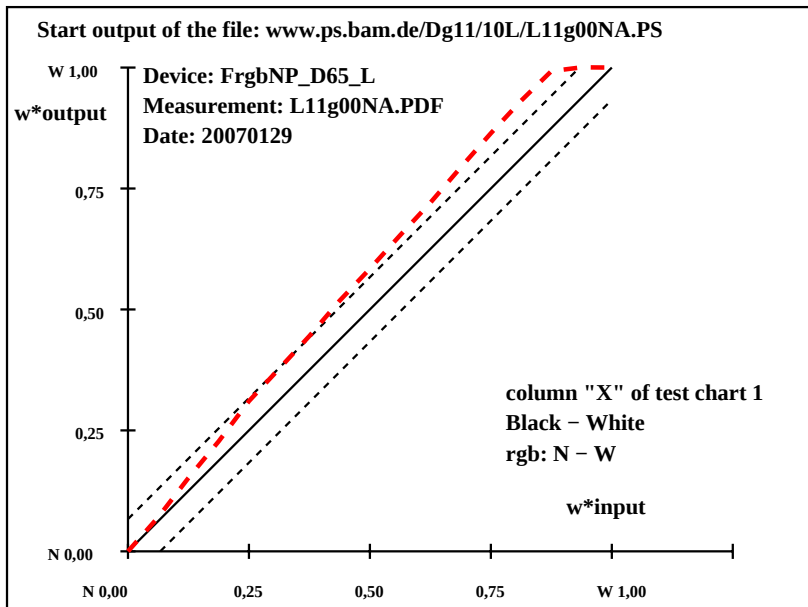
Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G
relative CIELAB data used for "out"
 $\Delta L^* = 92.63 - 8.65$
Regularity
 $g^* = 44.4$
Lightness gamut relative to offset
 $f^* = 108.5$
Black - White
rgb: N - W
Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 2.5$
 $\Delta E^*_{CIELAB} = 6.3$
Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 2.0$
 $\Delta E^*_{CIELAB} = 4.8$
Mean colour reproduction index: $R^*_{ab,m} = 72$

De170-3N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129

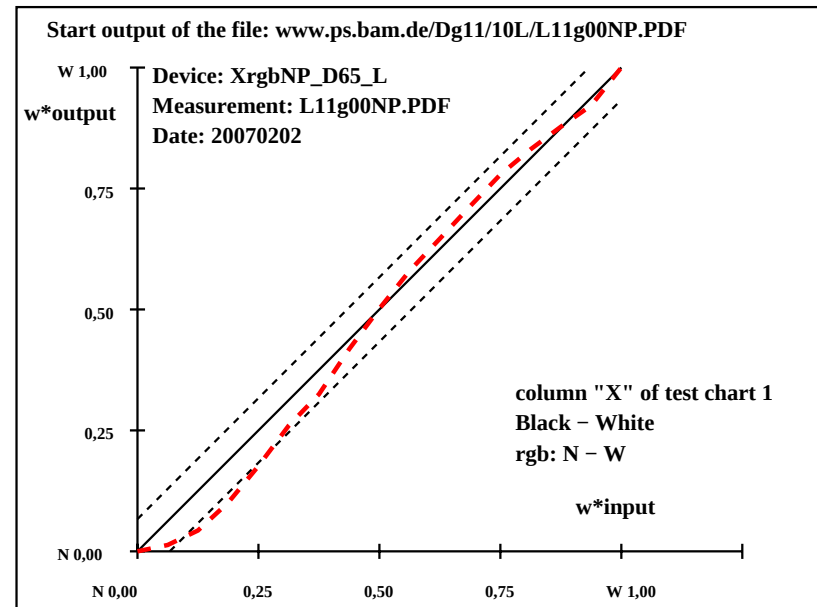
T	i	LAB*a,ref	hab,ref	LAB*a,out	hab,out	LAB*a,out/c-refΔH*	ΔE*	Start output S1
N	1	21.7	0.0	0.0	0	21.7	0.0	0.0
	2	26.3	0.0	0.0	0	22.6	0.0	0.0
	3	30.9	0.0	0.0	0	24.8	0.0	0.1
	4	35.5	0.0	0.0	0	29.1	0.0	0.0
	5	40.1	0.0	0.0	0	34.7	0.0	0.0
	6	44.7	0.0	0.0	0	40.8	0.0	0.0
	7	49.3	0.0	0.0	0	45.6	0.0	0.2
	8	53.9	0.0	0.0	0	52.5	0.0	0.1
Z	9	58.6	0.0	0.0	0	58.7	0.0	0.2
	10	63.2	0.0	0.0	0	64.5	0.0	0.2
	11	67.8	0.0	0.0	0	69.4	0.0	0.2
	12	72.4	0.0	0.0	0	74.3	0.0	0.2
	13	77.0	0.0	0.0	0	79.1	0.0	0.1
	14	81.6	0.0	0.0	0	83.0	0.0	0.0
	15	86.2	0.0	0.0	0	86.4	0.0	0.1
	16	90.8	0.0	0.0	0	89.7	0.0	0.2
W	17	95.5	0.0	0.0	0	95.5	0.0	0.0
N	18	21.7	0.0	0.0	0	21.7	0.0	0.0
	19	40.1	0.0	0.0	0	34.7	0.0	0.0
Z	20	58.6	0.0	0.0	0	58.7	0.0	0.2
	21	77.0	0.0	0.0	0	79.1	0.0	0.1
W	22	95.5	0.0	0.0	0	95.5	0.0	0.0

Specification according to
ISO/IEC 15775:1999 Annex G
and DIN 33866-1:2000 Annex G
relative CIELAB data used for "out"
 $\Delta L^* = 95.46 - 21.66$
Regularity
 $g^* = 54.2$
Lightness gamut relative to offset
 $f^* = 95.3$
Black - White
rgb: N - W
Mean CIELAB difference (17 steps)
 $\Delta H^*_{CIELAB} = 0.1$
 $\Delta E^*_{CIELAB} = 2.4$
Mean CIELAB difference (5 steps)
 $\Delta H^*_{CIELAB} = 0.1$
 $\Delta E^*_{CIELAB} = 1.6$
Mean colour reproduction index: $R^*_{ab,m} = 90$

De171-3N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-7N, ; Device: FrgbNP_D65_L; Measurement: L11g00NA.PDF; Date: 20070129



De171-7N, ; Device: XrgbNP_D65_L; Measurement: L11g00NP.PDF; Date: 20070202