

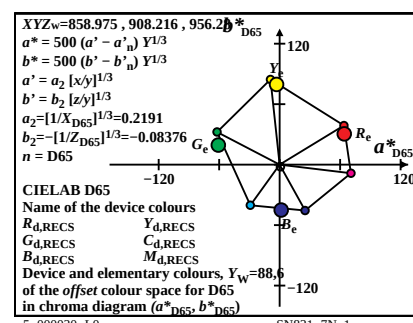
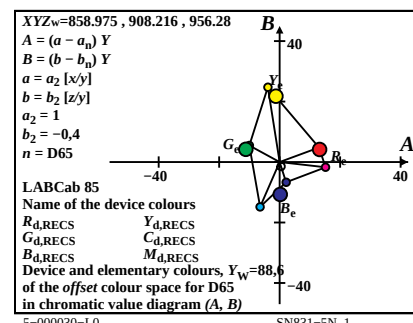
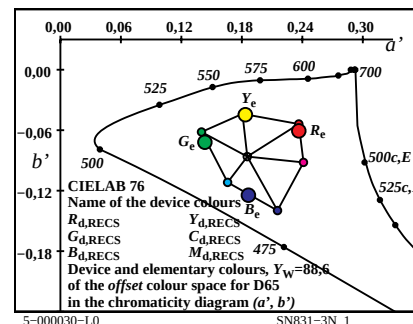
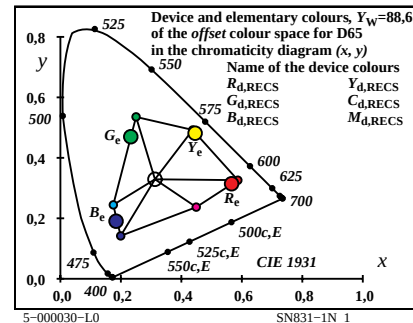
Device colours RYGBCM _d of maximum (m) C _{AB} for D65, Y _w =88,6										
Code	X	Y	Z	x	y	z	h _{xy}	i _{dm} , λ _d	i _c , λ _c	
R _{d,RECS}	27.43	15.24	4.05	0.5869	0.3261	0.0868	359.4	41 607	17 486	
Y _{d,RECS}	60.4	67.98	9.71	0.4373	0.4923	0.0703	52.6	33 568	13 467	
G _{d,RECS}	9.79	20.95	8.39	0.2501	0.5352	0.2145	106.8	25 527	-1 527c	
C _{d,RECS}	20.02	28.0	66.55	0.1747	0.2444	0.5808	211.5	15 478	35 578	
B _{d,RECS}	6.54	4.65	21.62	0.1992	0.1419	0.6587	238.7	11 459	33 565	
M _{d,RECS}	30.31	15.98	21.17	0.4493	0.2369	0.3137	326.0	-1 494c	18 494	
R _{e,RECS}	27.82	15.45	5.86	0.5662	0.3143	0.1193	356.7	43 615	17 487	
Y _{e,RECS}	55.92	60.42	9.14	0.4456	0.4815	0.0728	48.9	34 570	14 470	
G _{e,RECS}	12.32	24.86	15.72	0.2328	0.4699	0.2971	119.4	22 510	-1 510c	
B _{e,RECS}	11.61	12.05	39.53	0.1838	0.1906	0.6254	227.0	14 472	34 570	

Device colours RYGBCM _d of maximum (m) C _{AB} for D65, Y _w =88,6										
Code	Y	A	B	C _{AB}	a	b	h _{AB}	i _{dm} , λ _d	i _c , λ _c	
R _{d,RECS}	15.24	12.94	5.01	13.88	1.7994	-0.1064	21.1	41 607	17 486	
Y _{d,RECS}	67.98	-4.22	25.73	26.07	0.8883	-0.0571	99.3	33 568	14 472	
G _{d,RECS}	20.95	-10.12	5.76	11.64	0.4674	-0.1603	150.3	26 531	-1 531c	
C _{d,RECS}	28.0	-6.59	-14.42	15.85	0.715	-0.9506	245.4	15 478	35 576	
B _{d,RECS}	4.65	2.11	-6.62	6.95	1.4041	-1.8565	287.7	11 455	32 561	
M _{d,RECS}	15.98	15.12	-1.5	15.19	1.8965	-0.5296	354.3	-1 492c	18 492	
R _{e,RECS}	15.45	13.14	4.38	13.85	1.8009	-0.1518	18.4	42 614	17 486	
Y _{e,RECS}	60.42	-1.5	22.66	22.71	0.9254	-0.0605	93.8	34 570	14 474	
G _{e,RECS}	24.86	-11.31	4.54	12.18	0.4955	-0.2529	158.1	23 516	-1 516c	
B _{e,RECS}	12.05	0.16	-10.56	10.56	0.9642	-1.3122	270.9	14 471	33 567	

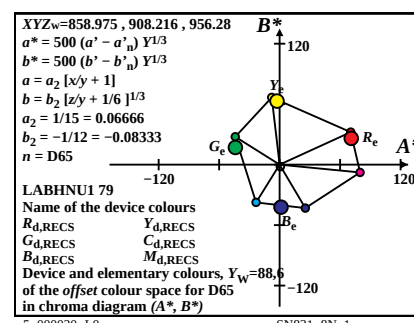
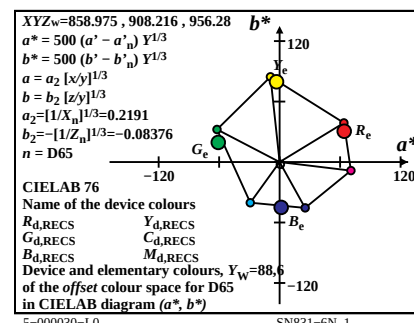
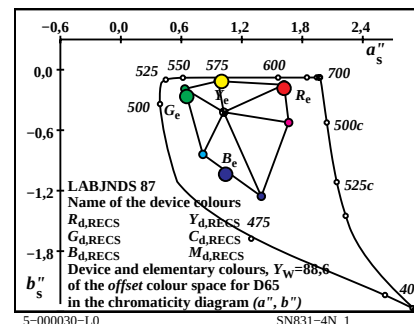
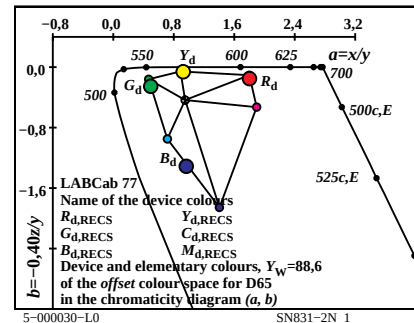
Device colours RYGBCM _d of maximum (m) C _{AB} for D65, Y _w =88,6										
Code	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c	
R _{d,RECS}	45.98	63.3	39.99	74.88	0.2664	-0.0538	32.2	-1 480c	16 480	
Y _{d,RECS}	86.0	-9.78	86.48	87.03	0.2106	-0.0437	96.4	33 566	14 471	
G _{d,RECS}	52.9	-62.53	33.64	71.0	0.17	-0.0617	151.7	24 521	-1 521c	
C _{d,RECS}	59.9	-29.59	-38.87	48.85	0.1959	-0.1117	232.7	15 477	40 604	
B _{d,RECS}	25.77	24.96	-44.68	51.19	0.2452	-0.1396	299.1	13 465	30 550	
M _{d,RECS}	46.97	70.25	-7.31	70.63	0.2711	-0.0919	354.0	-1 499c	19 499	
R _{e,RECS}	46.25	63.68	31.75	71.16	0.2665	-0.0606	26.5	-1 481c	16 481	
Y _{e,RECS}	82.07	-3.73	81.47	81.56	0.2135	-0.0446	92.6	33 569	14 471	
G _{e,RECS}	56.95	-61.32	20.83	64.77	0.1733	-0.0718	161.2	22 512	-1 512c	
B _{e,RECS}	41.31	1.19	-43.87	43.89	0.2164	-0.1244	271.5	14 472	34 570	

Device colours RYGBCM _d of maximum (m) C _{AB} for D65, Y _w =88,6										
CodeD65	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c	
R _{d,RECS}	45.98	63.33	40.03	74.92	0.2665	-0.0538	32.2	-1 480c	16 480	
Y _{d,RECS}	86.0	-9.78	86.51	87.06	0.2106	-0.0437	96.4	33 566	14 471	
G _{d,RECS}	52.9	-62.56	33.65	71.04	0.17	-0.0617	151.7	24 521	-1 521c	
C _{d,RECS}	59.9	-29.59	-38.87	48.86	0.1959	-0.1117	232.7	15 477	40 604	
B _{d,RECS}	25.77	24.99	-44.72	51.23	0.2453	-0.1396	299.2	13 465	30 550	
M _{d,RECS}	46.97	70.27	-7.31	70.65	0.2711	-0.0919	354.0	-1 499c	19 499	
R _{e,RECS}	46.25	63.7	31.78	71.19	0.2665	-0.0606	26.5	-1 481c	16 481	
Y _{e,RECS}	82.07	-3.73	81.5	81.59	0.2135	-0.0446	92.6	33 569	14 472	
G _{e,RECS}	56.95	-61.35	20.84	64.79	0.1733	-0.0718	161.2	22 512	-1 512c	
B _{e,RECS}	41.31	1.19	-43.88	43.9	0.2164	-0.1244	271.5	14 472	34 570	

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps



input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared



TUB registration: 20130201-SN83/SN83LONP.PDF /PS
application for measurement of display output

TUB material: code=rha4ta

Device colours RYGBM _d of maximum (m) C _{AB} for D50, Y _w =88,6										
Code	X	Y	Z	x	y	z	h _{xy}	i _{dm} , λ _d	i _c , λ _c	
R _d ,RECS	30.92	16.74	3.08	0.6092	0.3299	0.0608	353.8	41 608	17 489	
Y _d ,RECS	64.84	69.23	7.79	0.457	0.4879	0.0549	49.2	34 570	13 469	
G _d ,RECS	9.85	20.29	6.67	0.2675	0.551	0.1813	112.0	25 526	-1 526c	
C _d ,RECS	17.57	26.39	50.72	0.1856	0.2787	0.5356	206.5	16 481	35 579	
B _d ,RECS	5.84	4.45	16.22	0.2203	0.1678	0.6117	236.7	11 459	33 567	
M _d ,RECS	32.96	17.31	15.78	0.499	0.262	0.2389	327.8	-1 496c	19 496	
R _e ,RECS	31.23	16.93	4.43	0.5937	0.3218	0.0843	351.6	43 615	17 489	
Y _e ,RECS	60.27	61.71	7.3	0.4661	0.4773	0.0565	44.5	34 572	14 473	
G _e ,RECS	12.13	24.0	12.28	0.2506	0.4956	0.2536	124.6	21 509	-1 509c	
B _e ,RECS	10.23	11.38	29.88	0.1987	0.221	0.5802	223.1	14 474	34 572	

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SN830-1N_2

Device colours RYGBM _d of maximum (m) C _{AB} for D50, Y _w =88,6										
Code	Y	A	B	C _{AB}	a	b	h _{AB}	i _{dm} , λ _d	i _c , λ _c	
R _d ,RECS	16.74	14.77	4.29	15.38	1.8466	-0.0737	16.1	42 613	18 492	
Y _d ,RECS	69.23	-1.9	19.72	19.82	0.9366	-0.045	95.5	34 570	14 473	
G _d ,RECS	20.29	-9.71	4.02	10.51	0.4855	-0.1316	157.4	23 519	-1 519c	
C _d ,RECS	26.39	-7.87	-11.57	14.0	0.6658	-0.7686	235.7	16 480	35 575	
B _d ,RECS	4.45	1.55	-5.02	5.25	1.3128	-1.4579	287.1	11 458	33 566	
M _d ,RECS	17.31	16.27	-0.6	16.28	1.9043	-0.3647	357.8	-1 502c	20 502	
R _e ,RECS	16.93	14.91	3.81	15.39	1.8447	-0.1047	14.3	45 627	18 492	
Y _e ,RECS	61.71	0.76	17.44	17.45	0.9766	-0.0473	87.4	34 572	15 476	
G _e ,RECS	24.0	-11.0	3.0	11.41	0.5056	-0.2046	164.7	20 503	-1 503c	
B _e ,RECS	11.38	-0.74	-8.19	8.23	0.8988	-1.0498	264.8	14 473	34 570	

5-000130-L0

SN830-3N_2

Device colours RYGBM _d of maximum (m) C _{AB} for D50, Y _w =88,6										
Code	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c	
R _d ,RECS	47.95	66.63	43.28	79.45	0.2687	-0.0476	33.0	-1 481c	16 481	
Y _d ,RECS	86.62	-4.25	85.82	85.92	0.2143	-0.0404	92.8	33 569	14 471	
G _d ,RECS	52.18	-60.03	30.99	67.56	0.1721	-0.0578	152.6	24 524	-1 524c	
C _d ,RECS	58.42	-37.22	-41.76	55.94	0.1913	-0.1041	228.2	15 478	41 608	
B _d ,RECS	25.14	19.17	-45.39	49.28	0.2398	-0.1288	292.9	13 466	31 557	
M _d ,RECS	48.66	70.94	-3.78	71.04	0.2715	-0.0812	356.9	-1 499c	19 499	
R _e ,RECS	48.18	66.76	35.13	75.44	0.2686	-0.0535	27.7	-1 482c	16 482	
Y _e ,RECS	82.76	1.81	81.09	81.11	0.2173	-0.0411	88.7	34 572	14 472	
G _e ,RECS	56.1	-60.12	18.28	62.84	0.1745	-0.0669	163.0	22 514	-1 514c	
B _e ,RECS	40.23	-5.6	-45.61	45.96	0.2114	-0.1155	263.0	14 473	35 575	

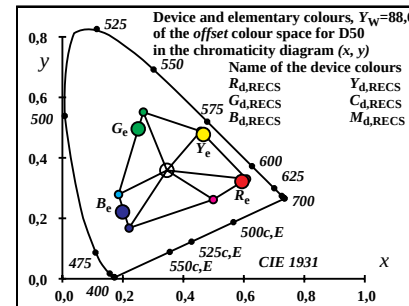
5-000130-L0

SN830-5N_2

Device colours RYGBM _d of maximum (m) C _{AB} for D50, Y _w =88,6										
CodeD65	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c	
R _d ,RECS	47.95	66.97	39.49	77.75	0.2688	-0.0476	30.5	-1 481c	16 481	
Y _d ,RECS	86.62	-4.27	78.26	78.37	0.2143	-0.0404	93.1	33 569	14 471	
G _d ,RECS	52.18	-60.35	28.27	66.64	0.1722	-0.0578	154.9	24 522	-1 522c	
C _d ,RECS	58.42	-37.41	-38.08	53.38	0.1913	-0.1041	225.5	15 478	43 615	
B _d ,RECS	25.14	19.29	-41.41	45.68	0.2398	-0.1288	294.9	13 466	31 555	
M _d ,RECS	48.66	71.3	-3.44	71.38	0.2715	-0.0812	357.2	-1 498c	19 498	
R _e ,RECS	48.18	67.1	32.05	74.36	0.2687	-0.0535	25.5	-1 482c	16 482	
Y _e ,RECS	82.76	1.82	73.95	73.97	0.2173	-0.0411	88.5	34 572	14 472	
G _e ,RECS	56.1	-60.43	16.67	62.69	0.1745	-0.0669	164.5	22 512	-1 512c	
B _e ,RECS	40.23	-5.63	-41.6	41.98	0.2114	-0.1155	262.2	14 473	35 576	

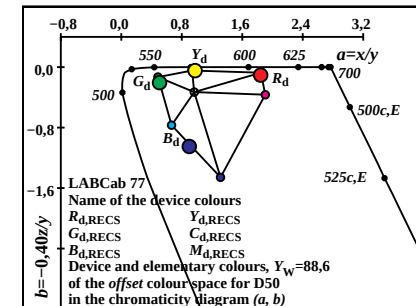
5-000130-L0

SN830-7N_2



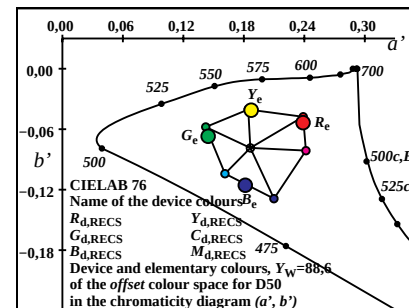
5-000130-L0

SN831-1N_2



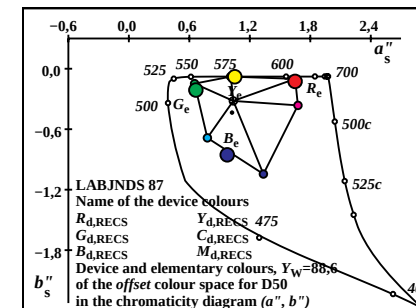
5-000130-L0

SN831-2N_2



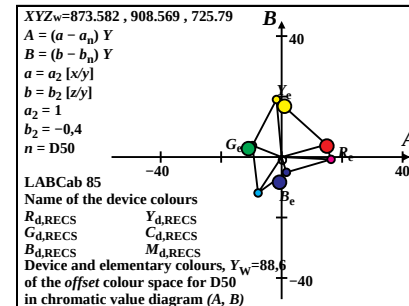
5-000130-L0

SN831-3N_2



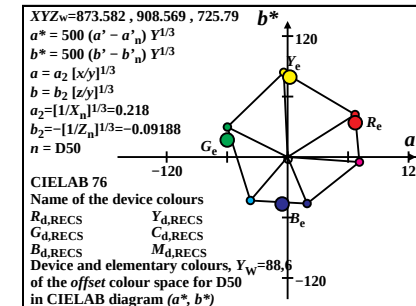
5-000130-L0

SN831-4N_2



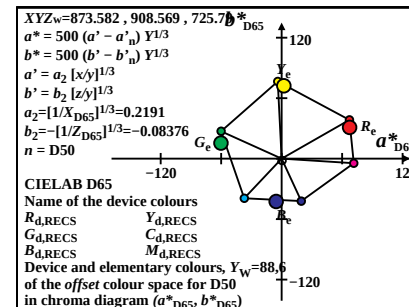
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SN831-5N_2



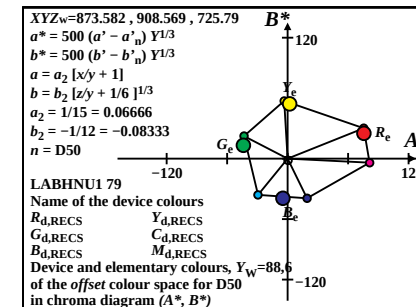
5-000130-L0

SN831-6N_2



5-000130-L0

SN831-7N_2



5-000130-L0

SN831-8N_2

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps

input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

Device colours $RYGCBM_d$ of maximum (m) C_{AB} for P40, $Y_w=88,6$

Code	X	Y	Z	x	y	z	h_{xy}	i_{dm}, λ_d	i_c, λ_c
$R_d, RECS$	35.04	18.5	2.43	0.6259	0.3305	0.0434	349.4	41 609	18 491
$Y_d, RECS$	70.49	70.46	6.35	0.4785	0.4783	0.0431	45.9	34 573	14 470
$G_d, RECS$	10.01	19.26	5.38	0.2889	0.5557	0.1553	116.8	25 526	-1 526c
$C_d, RECS$	16.06	24.42	39.53	0.2007	0.3052	0.494	201.6	16 482	36 581
$B_d, RECS$	5.54	4.25	12.59	0.2477	0.1899	0.5622	234.6	11 458	34 570
$M_d, RECS$	36.55	18.91	12.28	0.5394	0.2791	0.1813	328.6	-1 497c	19 497
$R_e, RECS$	35.31	18.67	3.48	0.6144	0.3249	0.0605	347.6	43 615	18 491
$Y_e, RECS$	65.75	63.04	5.94	0.4879	0.4679	0.0441	40.2	34 574	14 474
$G_e, RECS$	12.16	22.72	9.77	0.2723	0.5088	0.2188	129.0	21 509	-1 509c
$B_e, RECS$	9.49	10.63	23.23	0.2189	0.2451	0.5359	219.2	15 475	35 575

5-000230-L0

SN830-1N_3

Device colours $RYGCBM_d$ of maximum (m) C_{AB} for P40, $Y_w=88,6$

Code	Y	A	B	C_{AB}	a	b	h_{AB}	i_{dm}, λ_d	i_c, λ_c
$R_d, RECS$	18.5	16.36	3.81	16.8	1.8935	-0.0526	13.1	47 639	20 500
$Y_d, RECS$	70.46	-0.63	15.69	15.7	1.0003	-0.036	92.3	34 572	12 464
$G_d, RECS$	19.26	-9.43	2.83	9.84	0.5198	-0.1117	163.2	21 506	-1 506c
$C_d, RECS$	24.42	-8.59	-9.49	12.8	0.6575	-0.6472	227.8	16 481	35 576
$B_d, RECS$	4.25	1.25	-3.93	4.13	1.3045	-1.184	287.6	12 461	34 572
$M_d, RECS$	18.91	17.46	-0.02	17.46	1.9325	-0.2598	359.9	-1 535c	27 535
$R_e, RECS$	18.67	16.46	3.43	16.81	1.8907	-0.0745	11.8	-1 502c	20 502
$Y_e, RECS$	63.04	2.12	13.93	14.09	1.0429	-0.0377	81.3	35 575	15 477
$G_e, RECS$	22.72	-10.77	1.97	10.95	0.5352	-0.172	169.6	19 498	41 607
$B_e, RECS$	10.63	-1.23	-6.54	6.66	0.8931	-0.8744	259.3	15 475	34 574

5-000230-L0

SN830-3N_3

Device colours $RYGCBM_d$ of maximum (m) C_{AB} for P40, $Y_w=88,6$

Code	L^*	a^*	b^*	C^*_{ab}	a'	b'	h_{ab}	i_{dm}, λ^*_d	i_c, λ^*_c
$R_d, RECS$	50.11	66.47	46.9	81.35	0.271	-0.0425	35.2	-1 481c	16 481
$Y_d, RECS$	87.23	-1.32	85.68	85.69	0.2191	-0.0375	90.8	34 572	14 471
$G_d, RECS$	51.01	-57.27	28.18	63.83	0.1761	-0.0547	153.8	25 527	-1 527c
$C_d, RECS$	56.52	-41.59	-44.68	61.04	0.1905	-0.0983	227.0	15 478	41 609
$B_d, RECS$	24.52	15.56	-46.05	48.61	0.2393	-0.1202	288.6	13 467	32 562
$M_d, RECS$	50.6	69.36	-0.16	69.37	0.2728	-0.0725	359.8	-1 497c	19 497
$R_e, RECS$	50.31	66.49	38.77	76.97	0.2708	-0.0478	30.2	-1 482c	16 482
$Y_e, RECS$	83.47	4.7	81.22	81.36	0.2221	-0.0381	86.6	35 575	14 472
$G_e, RECS$	54.79	-58.12	15.52	60.16	0.1778	-0.0632	165.0	23 515	-1 515c
$B_e, RECS$	38.96	-9.45	-47.41	48.34	0.2109	-0.1086	258.7	14 473	35 579

5-000230-L0

SN830-5N_3

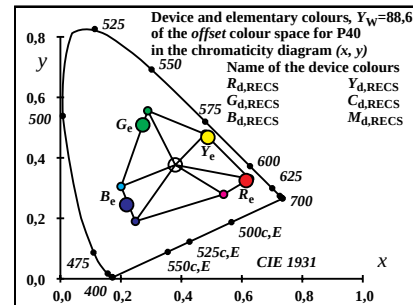
Device colours $RYGCBM_d$ of maximum (m) C_{AB} for P40, $Y_w=88,6$

CodeD65	L^*	a^*	b^*	C^*_{ab}	a'	b'	h_{ab}	i_{dm}, λ^*_d	i_c, λ^*_c
$R_d, RECS$	50.11	67.83	39.46	78.48	0.271	-0.0426	30.1	-1 482c	16 482
$Y_d, RECS$	87.23	-1.35	72.05	72.06	0.2191	-0.0375	91.0	34 572	14 471
$G_d, RECS$	51.01	-58.46	23.7	63.08	0.1761	-0.0547	157.9	24 522	-1 522c
$C_d, RECS$	56.52	-42.44	-37.57	56.68	0.1905	-0.0983	221.5	15 479	45 628
$B_d, RECS$	24.52	15.9	-38.74	41.88	0.2393	-0.1202	292.3	13 466	32 560
$M_d, RECS$	50.6	70.79	-0.13	70.79	0.2729	-0.0725	359.8	-1 497c	19 497
$R_e, RECS$	50.31	67.86	32.61	75.29	0.2709	-0.0478	25.6	-1 483c	16 483
$Y_e, RECS$	83.47	4.8	68.3	68.47	0.2222	-0.0381	85.9	35 575	14 472
$G_e, RECS$	54.79	-59.32	13.05	60.74	0.1779	-0.0632	167.5	22 512	-1 512c
$B_e, RECS$	38.96	-9.65	-39.87	41.02	0.2109	-0.1086	256.3	14 474	36 581

5-000230-L0

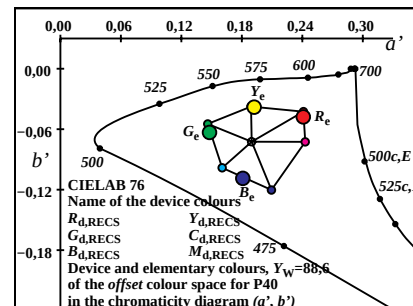
SN830-7N_3

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps



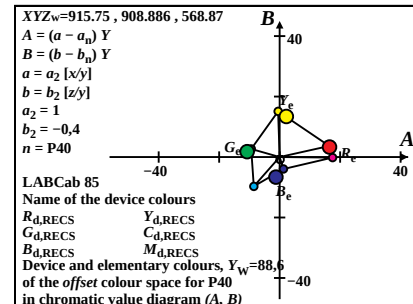
5-000230-L0

SN831-1N_3



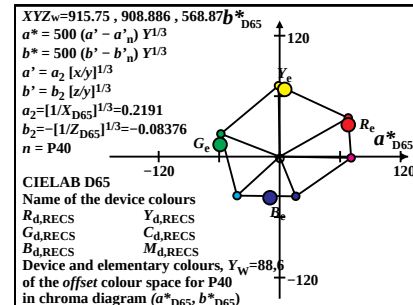
5-000230-L0

SN831-3N_3



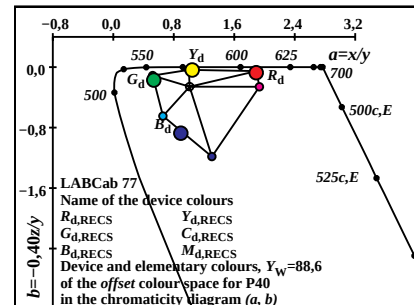
5-000230-L0

SN831-5N_3



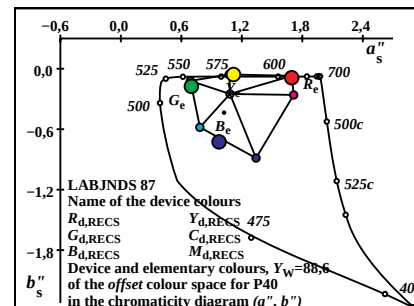
5-000230-L0

SN831-7N_3



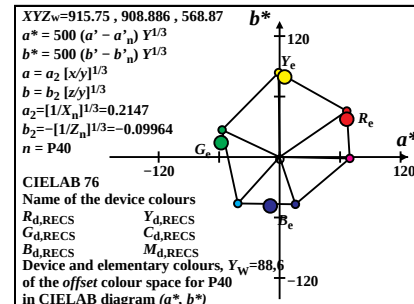
5-000230-L0

SN831-2N_3



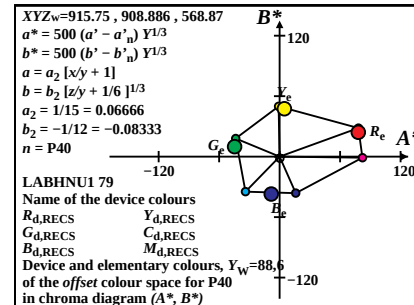
5-000230-L0

SN831-4N_3



5-000230-L0

SN831-6N_3



5-000230-L0

SN831-8N_3

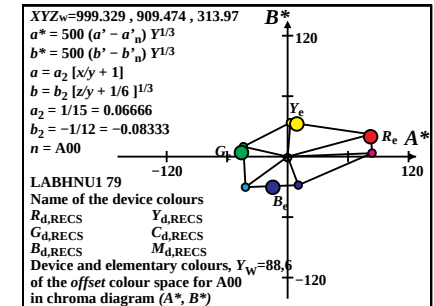
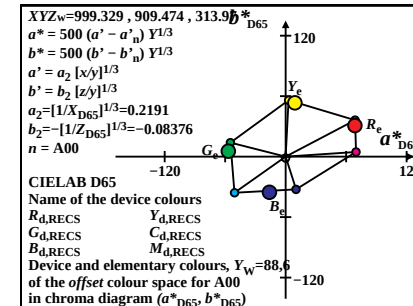
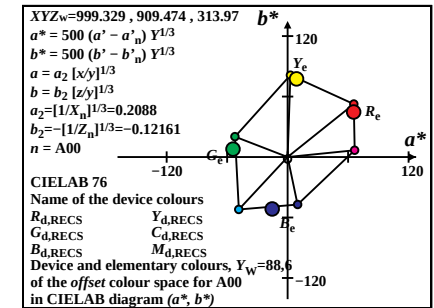
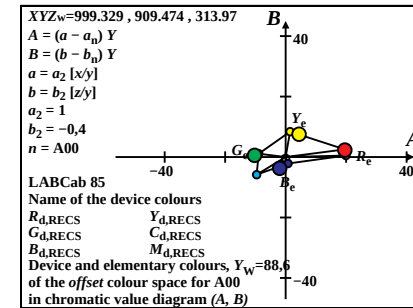
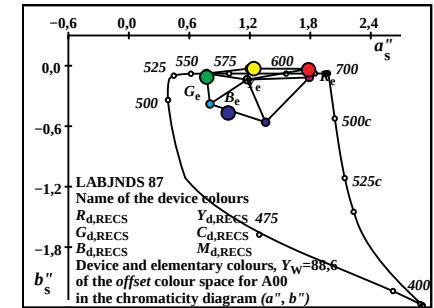
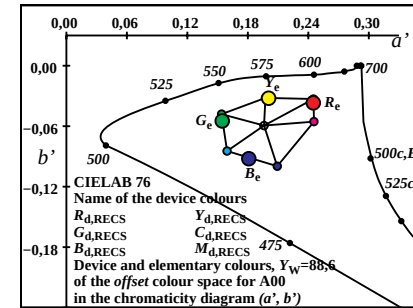
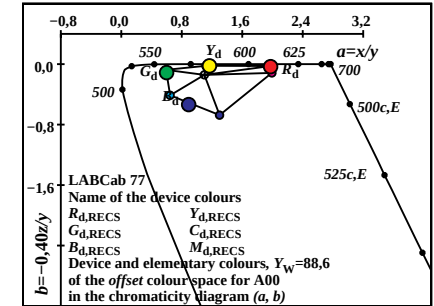
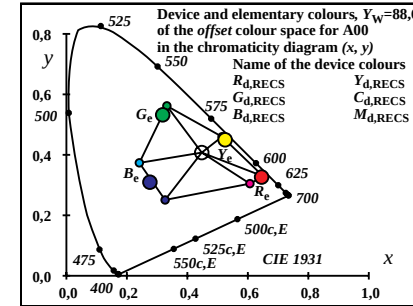
input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

Device colours RYGBM _d of maximum (m) C _{AB} for A00, Y _w =88,6										
Code	X	Y	Z	x	y	z	h _{xy}	i _{dm} , λ _d	i _c , λ _c	
R _d .RECS	43.96	22.2	1.35	0.651	0.3288	0.0201	338.8	42 611	19 496	
Y _d .RECS	81.05	72.42	4.0	0.5146	0.4598	0.0254	37.9	35 577	14 474	
G _d .RECS	10.36	17.52	3.3	0.3322	0.5617	0.106	126.7	24 523	-1 523c	
C _d .RECS	13.71	21.22	21.9	0.2412	0.3733	0.3853	189.3	17 486	36 584	
B _d .RECS	5.19	3.99	6.73	0.3262	0.2508	0.4228	232.2	10 450	34 574	
M _d .RECS	44.56	22.37	6.5	0.6067	0.3047	0.0885	327.1	-1 501c	20 501	
R _e .RECS	44.15	22.34	1.91	0.6453	0.3266	0.0279	337.7	43 615	19 497	
Y _e .RECS	76.18	65.29	3.71	0.5247	0.4496	0.0255	28.6	35 579	15 479	
G _e .RECS	12.29	20.55	5.76	0.3184	0.5322	0.1492	135.9	21 509	-1 509c	
B _e .RECS	8.43	9.46	12.64	0.2761	0.3097	0.414	209.6	15 479	35 579	

Device colours RYGBM _d of maximum (m) C _{AB} for A00, Y _w =88,6										
Code	Y	A	B	C _{AB}	a	b	h _{AB}	i _{dm} , λ _d	i _c , λ _c	
R _d .RECS	22.2	19.56	2.61	19.74	1.9797	-0.0244	7.6	-1 600c	40 600	
Y _d .RECS	72.42	1.49	8.7	8.83	1.1191	-0.0221	80.2	16 480	35 577	
G _d .RECS	17.52	-8.88	1.17	8.96	0.5915	-0.0755	172.4	19 497	33 566	
C _d .RECS	21.22	-9.59	-5.73	11.18	0.6461	-0.4127	210.8	17 485	35 575	
B _d .RECS	3.99	0.8	-2.12	2.27	1.3005	-0.6742	290.8	13 466	36 580	
M _d .RECS	22.37	19.97	0.58	19.98	1.991	-0.1162	1.6	-1 592c	38 592	
R _e .RECS	22.34	19.6	2.41	19.74	1.9755	-0.0342	7.0	-1 598c	39 598	
Y _e .RECS	65.29	4.46	7.8	8.99	1.1668	-0.0227	60.2	15 475	35 579	
G _e .RECS	20.55	-10.28	0.62	10.3	0.5982	-0.1121	176.5	19 495	33 568	
B _e .RECS	9.46	-1.95	-3.71	4.19	0.8916	-0.5346	242.2	15 479	35 578	

Device colours RYGBM _d of maximum (m) C _{AB} for A00, Y _w =88,6										
Code	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c	
R _d .RECS	54.25	65.67	53.7	84.83	0.275	-0.033	39.2	44 621	16 480	
Y _d .RECS	88.17	2.79	83.01	83.06	0.2274	-0.0319	88.0	35 577	14 471	
G _d .RECS	48.92	-52.13	21.3	56.32	0.1839	-0.048	157.7	26 532	-1 532c	
C _d .RECS	53.2	-48.32	-50.81	70.12	0.1894	-0.0846	226.4	15 479	40 604	
B _d .RECS	23.69	9.88	-46.42	47.46	0.2391	-0.0996	282.0	13 468	34 571	
M _d .RECS	54.43	66.54	7.91	67.01	0.2756	-0.0554	6.7	-1 494c	18 494	
R _e .RECS	54.4	65.55	45.87	80.0	0.2748	-0.0369	34.9	-1 482c	16 482	
Y _e .RECS	84.64	8.81	79.29	79.78	0.2306	-0.0322	83.6	35 579	14 472	
G _e .RECS	52.47	-54.08	9.0	54.82	0.1846	-0.0548	170.5	23 516	-1 516c	
B _e .RECS	36.87	-15.29	-50.51	52.78	0.2108	-0.0922	253.1	14 474	36 584	

Device colours RYGBM _d of maximum (m) C _{AB} for A00, Y _w =88,6										
CodeD65	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c	
R _d .RECS	54.25	68.93	37.01	78.24	0.2751	-0.033	28.2	-1 483c	16 483	
Y _d .RECS	88.17	2.93	57.19	57.26	0.2274	-0.0319	87.0	35 577	14 471	
G _d .RECS	48.92	-54.74	14.68	56.68	0.1839	-0.048	164.9	24 523	-1 523c	
C _d .RECS	53.2	-50.73	-35.01	61.64	0.1894	-0.0846	214.6	16 482	-1 482c	
B _d .RECS	23.69	10.38	-32.0	33.64	0.2391	-0.0996	287.9	13 466	33 568	
M _d .RECS	54.43	69.85	5.45	70.06	0.2756	-0.0554	4.4	-1 497c	19 497	
R _e .RECS	54.4	68.8	31.61	75.72	0.2749	-0.0369	24.6	-1 485c	17 485	
Y _e .RECS	84.64	9.25	54.63	55.41	0.2306	-0.0322	80.3	36 580	14 473	
G _e .RECS	52.47	-56.78	6.2	57.11	0.1846	-0.0548	173.7	22 512	-1 512c	
B _e .RECS	36.87	-16.06	-34.8	38.33	0.2108	-0.0922	245.2	15 475	37 588	



Device colours RYGBM_d of maximum (m) C_{AB} for E00, Y_w=88,6

Code	X	Y	Z	x	y	z	h _{xy}	i _{dm} , λ _d	i _c , λ _c
R _{d,RECS}	31.2	16.82	3.73	0.6027	0.325	0.0721	358.2	41 608	17 487
Y _{d,RECS}	65.2	68.89	8.9	0.4559	0.4817	0.0622	50.4	34 570	13 467
G _{d,RECS}	9.97	20.11	7.65	0.2642	0.533	0.2027	109.0	25 527	-1 527c
C _{d,RECS}	19.37	26.48	60.45	0.1822	0.2491	0.5686	209.1	15 479	36 580
B _{d,RECS}	6.54	4.53	19.79	0.2121	0.1467	0.6411	237.0	11 457	33 567
M _{d,RECS}	33.85	17.45	19.53	0.4778	0.2464	0.2757	328.9	-1 494c	18 494
R _{e,RECS}	31.58	17.02	5.4	0.5847	0.3151	0.1001	355.8	43 615	17 487
Y _{e,RECS}	60.63	61.44	8.38	0.4647	0.4709	0.0642	46.3	34 572	14 471
G _{e,RECS}	12.45	23.83	14.31	0.246	0.4709	0.2829	122.3	21 509	-1 509c
B _{e,RECS}	11.41	11.49	36.04	0.1936	0.1948	0.6114	224.7	14 472	34 573

5-000430-L0

SN830-1N_5

Device colours RYGBM_d of maximum (m) C_{AB} for E00, Y_w=88,6

Code	Y	A	B	C _{AB}	a	b	h _{AB}	i _{dm} , λ _d	i _c , λ _c
R _{d,RECS}	16.82	14.37	5.23	15.3	1.8544	-0.0888	20.0	41 608	17 487
Y _{d,RECS}	68.89	-3.68	23.99	24.27	0.9464	-0.0516	98.7	34 570	13 467
G _{d,RECS}	20.11	-10.14	4.98	11.3	0.4957	-0.1521	153.8	25 527	-1 527c
C _{d,RECS}	26.48	-7.11	-13.58	15.33	0.7315	-0.913	242.3	15 479	36 580
B _{d,RECS}	4.53	2.01	-6.1	6.42	1.4452	-1.7472	288.2	11 457	33 567
M _{d,RECS}	17.45	16.39	-0.83	16.41	1.9393	-0.4476	357.0	-1 494c	18 494
R _{e,RECS}	17.02	14.56	4.64	15.28	1.8554	-0.127	17.6	43 615	17 487
Y _{e,RECS}	61.44	-0.81	21.22	21.24	0.9867	-0.0545	92.1	34 572	14 471
G _{e,RECS}	23.83	-11.38	3.8	12.0	0.5224	-0.2403	161.5	21 509	-1 509c
B _{e,RECS}	11.49	-0.07	-9.82	9.82	0.9935	-1.2549	269.5	14 472	34 573

5-000430-L0

SN830-3N_5

Device colours RYGBM_d of maximum (m) C_{AB} for E00, Y_w=88,6

Code	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c
R _{d,RECS}	48.05	63.07	43.51	76.62	0.2691	-0.0507	34.5	-1 479c	15 479
Y _{d,RECS}	86.45	-8.02	87.31	87.68	0.2151	-0.0423	95.2	33 569	14 471
G _{d,RECS}	51.98	-61.07	32.26	69.07	0.1733	-0.0606	152.1	24 523	-1 523c
C _{d,RECS}	58.5	-31.76	-40.66	51.6	0.1973	-0.1102	232.0	15 477	41 607
B _{d,RECS}	25.38	23.25	-45.22	50.85	0.2476	-0.1368	297.2	13 465	30 554
M _{d,RECS}	48.84	69.01	-4.26	69.14	0.2731	-0.0869	356.4	-1 497c	19 497
R _{e,RECS}	48.29	63.38	35.18	72.49	0.2692	-0.0571	29.0	-1 481c	16 481
Y _{e,RECS}	82.62	-1.88	82.47	82.49	0.2181	-0.0431	91.3	34 572	14 471
G _{e,RECS}	55.93	-60.29	19.36	63.32	0.1764	-0.0706	162.1	22 513	-1 513c
B _{e,RECS}	40.41	-0.52	-45.09	45.09	0.2185	-0.1225	269.3	14 472	34 573

5-000430-L0

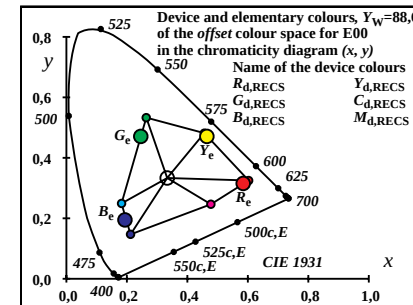
SN830-5N_5

Device colours RYGBM_d of maximum (m) C_{AB} for E00, Y_w=88,6

CodeD65	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c
R _{d,RECS}	48.05	64.17	42.33	76.87	0.2691	-0.0507	33.4	-1 480c	16 480
Y _{d,RECS}	86.45	-8.15	84.89	85.28	0.2151	-0.0423	95.4	33 569	14 471
G _{d,RECS}	51.98	-62.14	31.37	69.61	0.1734	-0.0606	153.2	24 521	-1 521c
C _{d,RECS}	58.5	-32.32	-39.53	51.06	0.1974	-0.1102	230.7	15 477	42 610
B _{d,RECS}	25.38	23.67	-43.98	49.95	0.2476	-0.1368	298.2	12 464	30 553
M _{d,RECS}	48.84	70.21	-4.14	70.33	0.2732	-0.0869	356.6	-1 497c	19 497
R _{e,RECS}	48.29	64.48	34.22	73.0	0.2692	-0.0571	27.9	-1 481c	16 481
Y _{e,RECS}	82.62	-1.92	80.18	80.21	0.2181	-0.0431	91.3	34 572	14 471
G _{e,RECS}	55.93	-61.34	18.82	64.17	0.1764	-0.0706	162.9	22 512	-1 512c
B _{e,RECS}	40.41	-0.53	-43.84	43.84	0.2186	-0.1226	269.3	14 472	34 573

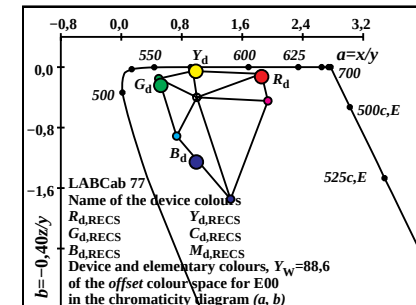
5-000430-L0

SN830-7N_5



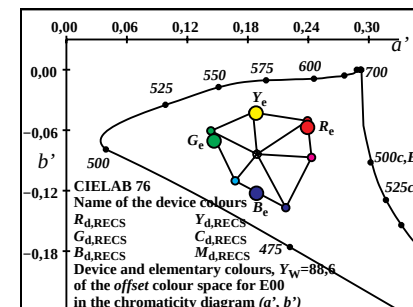
5-000430-L0

SN831-1N_5



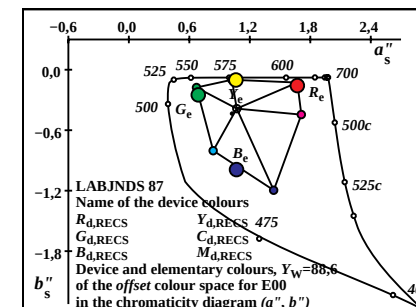
5-000430-L0

SN831-2N_5



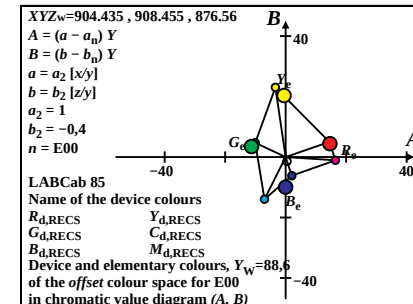
5-000430-L0

SN831-3N_5



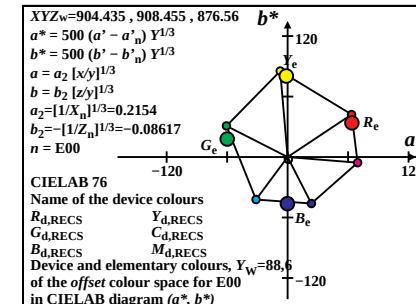
5-000430-L0

SN831-4N_5



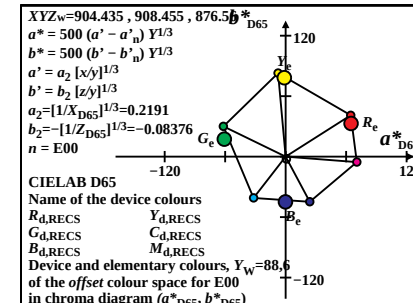
5-000430-L0

SN831-5N_5



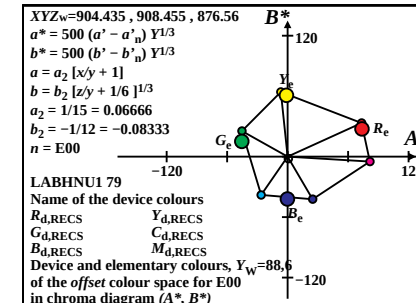
5-000430-L0

SN831-6N_5



5-000430-L0

SN831-7N_5



5-000430-L0

SN831-8N_5

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps

input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

Device colours RYGBM _d of maximum (m) C _{AB} for C00, Y _w =88,6										
Code	X	Y	Z	x	y	z	h _{xy}	i _{dm} , λ _d	i _c , λ _c	
R _d .RECS	28.0	15.39	4.38	0.586	0.3222	0.0916	1.2	41 608	17 485	
Y _d .RECS	61.52	67.85	10.19	0.4408	0.4861	0.073	52.4	33 569	13 466	
G _d .RECS	9.93	20.38	8.87	0.2534	0.5201	0.2264	105.4	25 528	-1 528c	
C _d .RECS	21.09	27.59	72.17	0.1745	0.2283	0.5971	212.9	15 477	35 578	
B _d .RECS	6.95	4.67	23.6	0.1973	0.1327	0.6699	238.4	11 458	33 566	
M _d .RECS	31.19	16.19	23.14	0.4423	0.2296	0.328	326.8	-1 493c	18 493	
R _e .RECS	28.43	15.61	6.35	0.5641	0.3097	0.1261	358.5	43 615	17 486	
Y _e .RECS	56.96	60.32	9.62	0.4488	0.4752	0.0758	48.8	34 570	13 469	
G _e .RECS	12.58	24.23	16.79	0.2346	0.452	0.3133	118.9	21 509	-1 509c	
B _e .RECS	12.3	11.94	43.0	0.1829	0.1776	0.6394	227.4	14 470	34 571	

5-000530-L0

SN830-1N_6

Device colours RYGBM _d of maximum (m) C _{AB} for C00, Y _w =88,6										
Code	Y	A	B	C _{AB}	a	b	h _{AB}	i _{dm} , λ _d	i _c , λ _c	
R _d .RECS	15.39	12.9	5.53	14.03	1.8185	-0.1137	23.2	41 606	16 484	
Y _d .RECS	67.85	-5.01	28.01	28.45	0.9067	-0.0601	100.1	33 569	13 469	
G _d .RECS	20.38	-10.05	6.09	11.75	0.4873	-0.1741	148.7	26 532	-1 532c	
C _d .RECS	27.59	-5.96	-15.82	16.9	0.7644	-1.0462	249.3	15 477	35 579	
B _d .RECS	4.67	2.36	-7.22	7.6	1.4863	-2.0187	288.1	11 456	32 563	
M _d .RECS	16.19	15.31	-1.59	15.39	1.9261	-0.5714	354.0	-1 490c	18 490	
R _e .RECS	15.61	13.12	4.83	13.98	1.8212	-0.1628	20.2	42 612	16 484	
Y _e .RECS	60.32	-2.18	24.67	24.77	0.9444	-0.0638	95.0	34 570	14 471	
G _e .RECS	24.23	-11.18	4.74	12.14	0.5191	-0.2772	157.0	23 518	-1 518c	
B _e .RECS	11.94	0.58	-11.55	11.56	1.0297	-1.4396	272.9	14 470	33 569	

5-000530-L0

SN830-3N_6

Device colours RYGBM _d of maximum (m) C _{AB} for C00, Y _w =88,6										
Code	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c	
R _d .RECS	46.18	61.23	40.48	73.4	0.2674	-0.055	33.4	-1 479c	15 479	
Y _d .RECS	85.93	-11.33	87.36	88.09	0.212	-0.0445	97.3	33 567	14 470	
G _d .RECS	52.27	-61.14	33.32	69.64	0.1724	-0.0634	151.4	24 521	-1 521c	
C _d .RECS	59.52	-25.92	-39.45	47.2	0.2003	-0.1153	236.6	15 476	40 601	
B _d .RECS	25.82	26.75	-44.8	52.18	0.2499	-0.1436	300.8	12 464	29 549	
M _d .RECS	47.24	68.75	-7.09	69.11	0.2725	-0.0943	354.1	-1 498c	19 498	
R _e .RECS	46.47	61.67	32.17	69.56	0.2675	-0.062	27.5	-1 480c	16 480	
Y _e .RECS	82.01	-5.27	82.28	82.45	0.2149	-0.0454	93.6	33 569	14 471	
G _e .RECS	56.32	-59.53	20.32	62.9	0.176	-0.0741	161.1	22 512	-1 512c	
B _e .RECS	41.15	4.03	-44.24	44.43	0.2212	-0.1283	275.2	14 471	33 568	

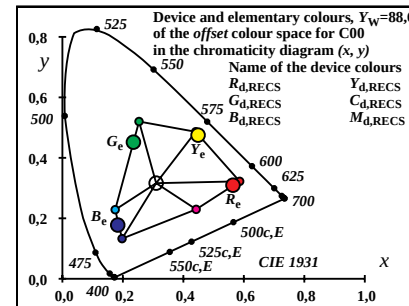
5-000530-L0

SN830-5N_6

Device colours RYGBM _d of maximum (m) C _{AB} for C00, Y _w =88,6										
CodeD65	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c	
R _d .RECS	46.18	61.89	41.65	74.6	0.2674	-0.055	33.9	-1 479c	15 479	
Y _d .RECS	85.93	-11.45	89.81	90.54	0.212	-0.0445	97.2	33 567	14 470	
G _d .RECS	52.27	-61.82	34.26	70.68	0.1724	-0.0634	151.0	24 521	-1 521c	
C _d .RECS	59.52	-26.21	-40.55	48.28	0.2003	-0.1153	237.1	15 476	40 600	
B _d .RECS	25.82	27.06	-46.07	53.43	0.25	-0.1436	300.4	12 464	29 549	
M _d .RECS	47.24	69.49	-7.29	69.87	0.2726	-0.0943	354.0	-1 498c	19 498	
R _e .RECS	46.47	62.34	33.09	70.58	0.2675	-0.062	27.9	-1 480c	16 480	
Y _e .RECS	82.01	-5.32	84.6	84.77	0.2149	-0.0454	93.6	33 569	14 471	
G _e .RECS	56.32	-60.18	20.89	63.7	0.1761	-0.0741	160.8	22 512	-1 512c	
B _e .RECS	41.15	4.08	-45.49	45.67	0.2212	-0.1283	275.1	14 471	33 568	

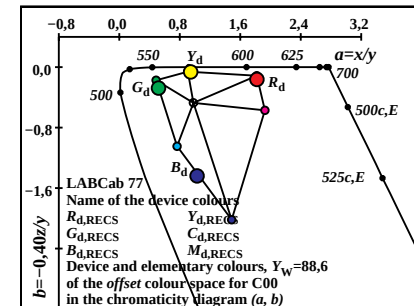
5-000530-L0

SN830-7N_6



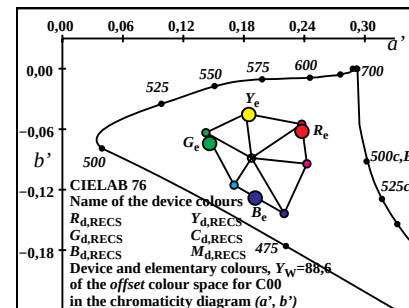
5-000530-L0

SN831-1N_6



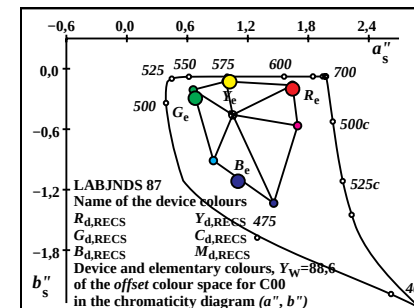
5-000530-L0

SN831-2N_6



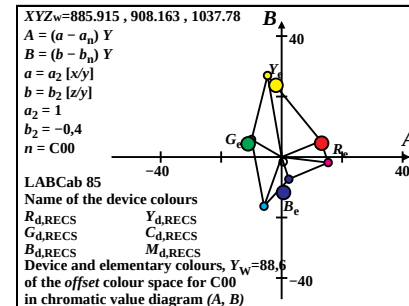
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SN831-3N_6



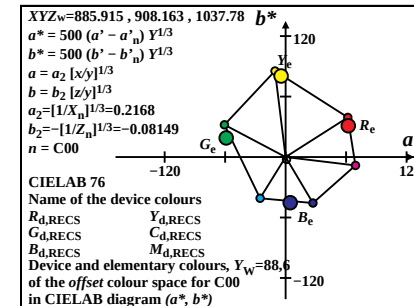
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SN831-4N_6



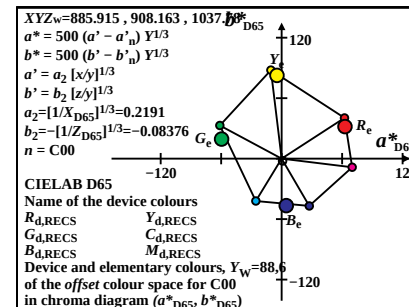
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SN831-5N_6



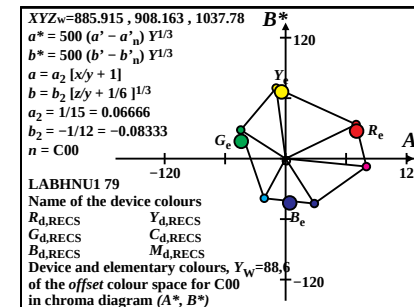
5-000530-L0

SN831-6N_6



5-000530-L0

SN831-7N_6



5-000530-L0

SN831-8N_6

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps

input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

Device colours RYGBM _d of maximum (m) C _{AB} for P00, Y _w =88,6											
Code	X	Y	Z	x	y	z	h _{xy}	i _{dm} , λ _d	i _c , λ _c		
R _d .RECS	34.42	18.19	3.03	0.6185	0.3268	0.0545	354.1	41 609	17 488		
Y _d .RECS	69.24	69.85	7.49	0.4723	0.4765	0.0511	47.7	34 572	13 469		
G _d .RECS	10.05	19.46	6.4	0.2799	0.5418	0.1781	113.0	25 527	-1 527c		
C _d .RECS	17.67	25.11	49.18	0.1921	0.273	0.5348	205.4	16 480	36 581		
B _d .RECS	6.1	4.38	15.94	0.2309	0.1657	0.6032	235.3	11 457	33 569		
M _d .RECS	36.46	18.69	15.67	0.5147	0.2638	0.2213	329.9	-1 495c	19 495		
R _e .RECS	34.74	18.37	4.37	0.6043	0.3195	0.0761	352.1	43 615	17 489		
Y _e .RECS	64.58	62.47	7.03	0.4816	0.4658	0.0524	42.9	34 574	14 472		
G _e .RECS	12.36	23.0	11.83	0.2619	0.4872	0.2507	126.2	21 508	-1 508c		
B _e .RECS	10.48	10.95	29.17	0.2072	0.2163	0.5764	221.7	14 473	34 574		

5-000630-L0

SN830-1N_7

Device colours RYGBM _d of maximum (m) C _{AB} for P00, Y _w =88,6											
Code	Y	A	B	C _{AB}	a	b	h _{AB}	i _{dm} , λ _d	i _c , λ _c		
R _d .RECS	18.19	15.85	4.68	16.53	1.8922	-0.0668	16.4	42 613	18 491		
Y _d .RECS	69.85	-2.05	19.65	19.75	0.9913	-0.0429	95.9	34 572	12 463		
G _d .RECS	19.46	-9.81	3.75	10.5	0.5165	-0.1315	159.0	23 516	-1 516c		
C _d .RECS	25.11	-7.96	-11.53	14.01	0.7036	-0.7834	235.3	16 480	35 579		
B _d .RECS	4.38	1.63	-4.95	5.21	1.3934	-1.4557	288.2	12 460	34 571		
M _d .RECS	18.69	17.38	-0.21	17.38	1.9506	-0.3354	359.3	-1 503c	20 503		
R _e .RECS	18.37	15.99	4.2	16.53	1.8912	-0.0953	14.7	44 624	18 492		
Y _e .RECS	62.47	0.82	17.44	17.46	1.0338	-0.045	87.2	34 574	14 470		
G _e .RECS	23.0	-11.11	2.72	11.44	0.5375	-0.2058	166.2	20 502	-1 502c		
B _e .RECS	10.95	-0.68	-8.12	8.14	0.9577	-1.0657	265.1	14 473	35 575		

5-000630-L0

SN830-3N_7

Device colours RYGBM _d of maximum (m) C _{AB} for P00, Y _w =88,6											
Code	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c		
R _d .RECS	49.73	64.71	46.35	79.59	0.2709	-0.0461	35.6	-1 480c	16 480		
Y _d .RECS	86.92	-4.29	87.0	87.1	0.2184	-0.0397	92.8	34 572	14 471		
G _d .RECS	51.24	-58.82	30.09	66.07	0.1757	-0.0578	152.9	25 525	-1 525c		
C _d .RECS	57.19	-36.76	-43.12	56.67	0.1948	-0.1047	229.5	15 477	41 609		
B _d .RECS	24.92	19.25	-45.77	49.65	0.2446	-0.1288	292.8	13 466	31 559		
M _d .RECS	50.33	68.87	-1.3	68.88	0.2737	-0.0789	358.9	-1 496c	19 496		
R _e .RECS	49.95	64.85	38.07	75.2	0.2709	-0.0519	30.4	-1 481c	16 481		
Y _e .RECS	83.17	1.83	82.38	82.4	0.2215	-0.0404	88.7	34 574	14 472		
G _e .RECS	55.08	-58.92	17.22	61.39	0.1781	-0.0671	163.7	22 514	-1 514c		
B _e .RECS	39.51	-5.01	-46.56	46.83	0.2159	-0.1161	263.8	14 472	35 577		

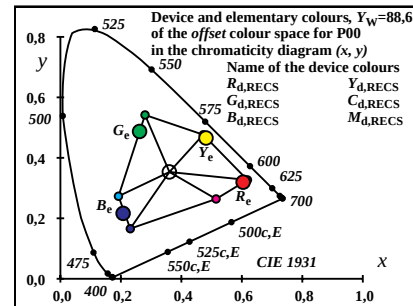
5-000630-L0

SN830-5N_7

Device colours RYGBM _d of maximum (m) C _{AB} for P00, Y _w =88,6											
CodeD65	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c		
R _d .RECS	49.73	66.28	42.04	78.49	0.271	-0.0461	32.3	-1 480c	16 480		
Y _d .RECS	86.92	-4.39	78.87	78.99	0.2184	-0.0397	93.1	34 571	14 471		
G _d .RECS	51.24	-60.27	27.28	66.16	0.1758	-0.0578	155.6	24 522	-1 522c		
C _d .RECS	57.19	-37.66	-39.09	54.28	0.1948	-0.1047	226.0	15 478	43 618		
B _d .RECS	24.92	19.73	-41.51	45.97	0.2447	-0.1288	295.4	13 465	31 557		
M _d .RECS	50.33	70.55	-1.18	70.56	0.2737	-0.0789	359.0	-1 496c	19 496		
R _e .RECS	49.95	66.43	34.53	74.87	0.2709	-0.0519	27.4	-1 482c	16 482		
Y _e .RECS	83.17	1.87	74.69	74.71	0.2215	-0.0404	88.5	34 574	14 472		
G _e .RECS	55.08	-60.36	15.61	62.35	0.1781	-0.0671	165.4	22 512	-1 512c		
B _e .RECS	39.51	-5.14	-42.21	42.53	0.2159	-0.1161	263.0	14 472	35 578		

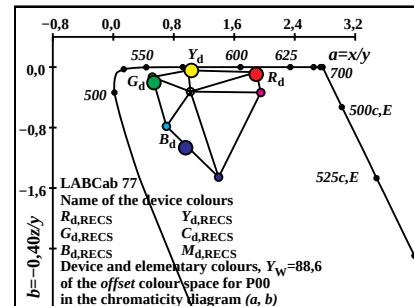
5-000630-L0

SN830-7N_7



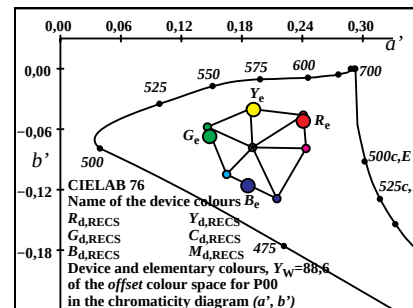
5-000630-L0

SN831-1N_7



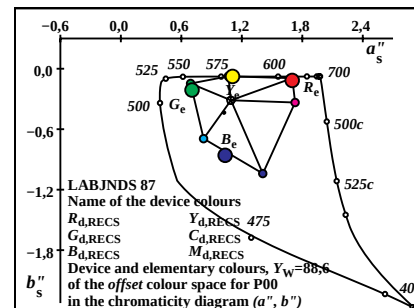
5-000630-L0

SN831-2N_7



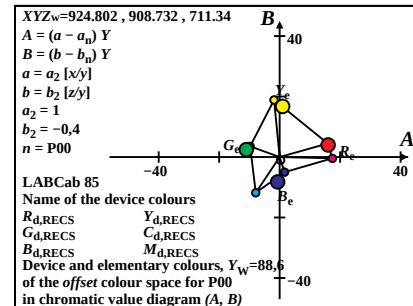
5-000630-L0

SN831-3N_7



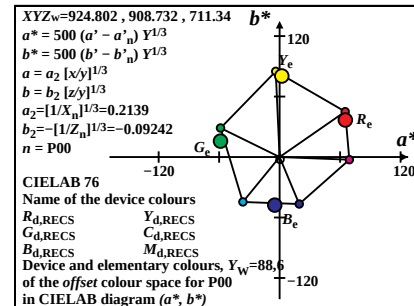
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SN831-4N_7



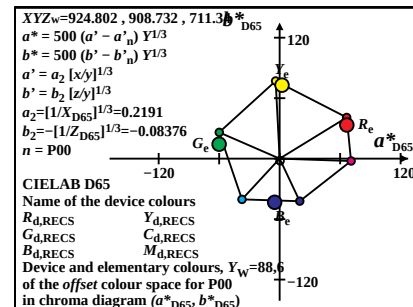
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SN831-5N_7



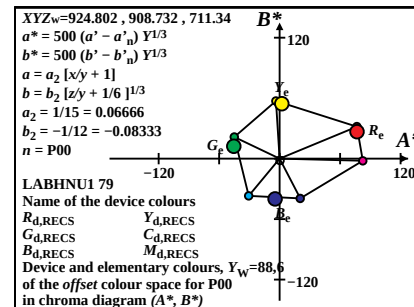
5-000630-L0

SN831-6N_7



5-000630-L0

SN831-7N_7



5-000630-L0

SN831-8N_7

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps

input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

TUB registration: 20130201-SN83/SN83LONP.PDF /PS
application for measurement of display output

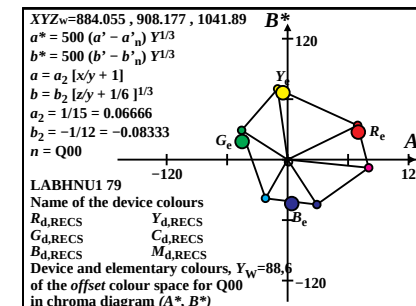
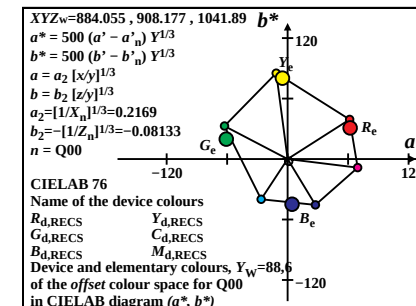
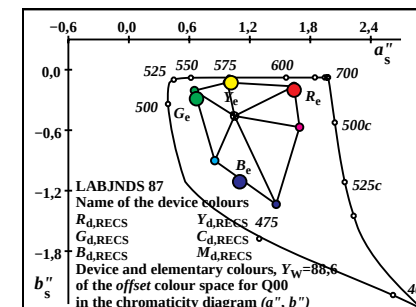
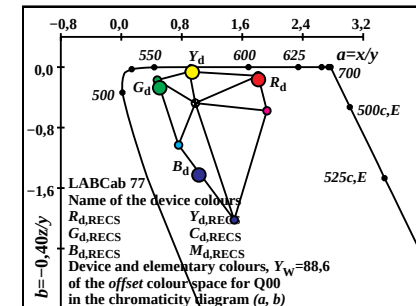
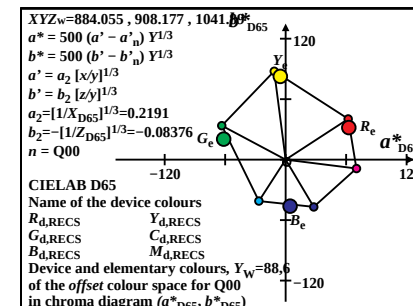
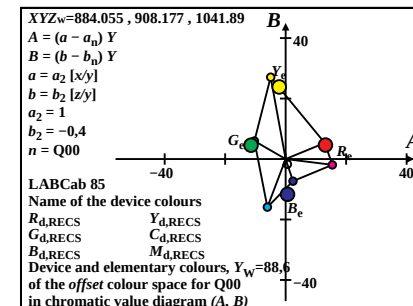
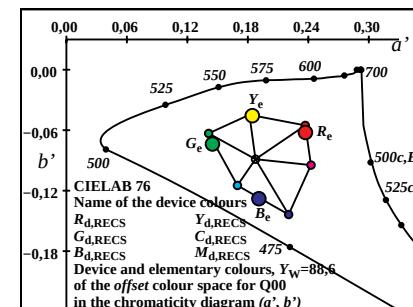
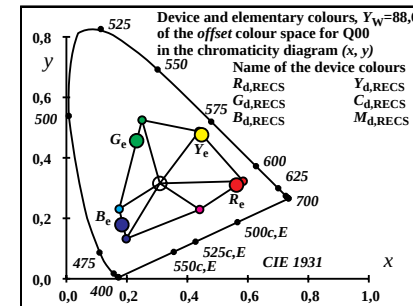
TUB material: code=rha4ta

Device colours RYGBM _d of maximum (m) C _{AB} for Q00, Y _w =88,6										
Code	X	Y	Z	x	y	z	h _{xy}	i _{dm} , λ _d	i _c , λ _c	
R _d .RECS	27.98	15.46	4.43	0.5844	0.3229	0.0926	1.5	41 607	17 485	
Y _d .RECS	61.17	67.93	10.31	0.4387	0.4872	0.0739	52.9	33 568	13 466	
G _d .RECS	9.89	20.77	8.9	0.25	0.5249	0.225	105.7	25 527	-1 527c	
C _d .RECS	21.08	27.86	71.74	0.1746	0.2308	0.5944	212.2	15 477	35 579	
B _d .RECS	6.99	4.68	23.64	0.1979	0.1325	0.6694	238.7	11 458	33 565	
M _d .RECS	31.24	16.22	23.39	0.4409	0.2289	0.3301	326.7	-1 493c	18 493	
R _e .RECS	28.41	15.66	6.43	0.5624	0.3101	0.1274	358.7	43 615	17 486	
Y _e .RECS	56.67	60.42	9.73	0.4468	0.4763	0.0767	49.3	34 570	13 469	
G _e .RECS	12.53	24.66	16.8	0.2321	0.4566	0.3111	118.5	21 509	-1 509c	
B _e .RECS	12.34	12.03	42.92	0.1834	0.1787	0.6378	227.4	14 471	34 571	

Device colours RYGBM _d of maximum (m) C _{AB} for Q00, Y _w =88,6										
Code	Y	A	B	C _{AB}	a	b	h _{AB}	i _{dm} , λ _d	i _c , λ _c	
R _d .RECS	15.46	12.84	5.58	14.0	1.8098	-0.1147	23.4	41 606	16 484	
Y _d .RECS	67.93	-5.36	28.2	28.7	0.9003	-0.0607	100.7	33 568	13 469	
G _d .RECS	20.77	-10.44	6.32	12.21	0.4762	-0.1714	148.8	26 532	-1 532c	
C _d .RECS	27.86	-6.2	-15.43	16.63	0.7566	-1.0299	248.1	15 478	35 579	
B _d .RECS	4.68	2.4	-7.23	7.62	1.4937	-2.0202	288.4	11 455	32 563	
M _d .RECS	16.22	15.35	-1.63	15.44	1.9262	-0.5769	353.9	-1 490c	18 490	
R _e .RECS	15.66	13.07	4.88	13.95	1.8135	-0.1643	20.4	42 612	16 484	
Y _e .RECS	60.42	-2.49	24.85	24.98	0.938	-0.0644	95.7	34 570	14 471	
G _e .RECS	24.66	-11.61	5.01	12.65	0.5084	-0.2725	156.6	23 518	-1 518c	
B _e .RECS	12.03	0.56	-11.44	11.45	1.0261	-1.4271	272.8	14 470	33 569	

Device colours RYGBM _d of maximum (m) C _{AB} for Q00, Y _w =88,6										
Code	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c	
R _d .RECS	46.27	60.94	40.48	73.16	0.2669	-0.0552	33.5	-1 479c	15 479	
Y _d .RECS	85.98	-12.14	87.27	88.11	0.2115	-0.0446	97.7	33 566	14 470	
G _d .RECS	52.7	-63.22	34.13	71.84	0.171	-0.0631	151.6	24 521	-1 521c	
C _d .RECS	59.77	-26.9	-38.34	46.83	0.1996	-0.1147	234.9	15 476	40 604	
B _d .RECS	25.83	27.19	-44.6	52.24	0.2503	-0.1436	301.3	12 464	29 548	
M _d .RECS	47.27	68.95	-7.23	69.33	0.2725	-0.0946	354.0	-1 498c	19 498	
R _e .RECS	46.55	61.44	32.15	69.34	0.2671	-0.0622	27.6	-1 480c	16 480	
Y _e .RECS	82.07	-6.03	82.23	82.45	0.2144	-0.0455	94.1	33 569	14 471	
G _e .RECS	56.75	-61.52	21.25	65.09	0.1748	-0.0736	160.9	22 512	-1 512c	
B _e .RECS	41.28	3.87	-43.64	43.81	0.2209	-0.1279	275.0	14 471	33 568	

Device colours RYGBM _d of maximum (m) C _{AB} for Q00, Y _w =88,6										
CodeD65	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c	
R _d .RECS	46.27	61.57	41.73	74.38	0.267	-0.0552	34.1	-1 479c	15 479	
Y _d .RECS	85.98	-12.26	89.91	90.74	0.2115	-0.0446	97.7	33 566	14 470	
G _d .RECS	52.7	-63.88	35.17	72.93	0.1711	-0.0631	151.1	24 521	-1 521c	
C _d .RECS	59.77	-27.18	-39.49	47.94	0.1996	-0.1147	235.4	15 476	40 603	
B _d .RECS	25.83	27.5	-45.97	53.57	0.2504	-0.1436	300.8	12 464	29 549	
M _d .RECS	47.27	69.66	-7.45	70.06	0.2726	-0.0946	353.8	-1 498c	19 498	
R _e .RECS	46.55	62.07	33.13	70.36	0.2671	-0.0622	28.0	-1 480c	16 480	
Y _e .RECS	82.07	-6.09	84.71	84.93	0.2144	-0.0455	94.1	33 569	14 471	
G _e .RECS	56.75	-62.17	21.89	65.91	0.1748	-0.0737	160.5	22 512	-1 512c	
B _e .RECS	41.28	3.91	-44.96	45.13	0.2209	-0.1279	274.9	14 471	33 568	



Device colours $RYGCBM_d$ of maximum (m) C_{AB} for D65, $Y_{w,10}=88,6$

Code	X	Y	Z	x	y	z	h_{xy}	i_{dm}, λ_d	i_c, λ_c
$R_d, RECS$	25.38	14.64	3.97	0.5768	0.3328	0.0903	0.4	41 607	16 480
$Y_d, RECS$	60.0	64.23	8.71	0.4513	0.4831	0.0655	47.8	33 565	13 465
$G_d, RECS$	10.48	20.5	7.67	0.2712	0.5304	0.1983	102.0	25 527	-1 527c
$C_d, RECS$	20.69	30.59	65.01	0.1779	0.263	0.5589	206.5	14 474	35 577
$B_d, RECS$	6.48	5.48	21.59	0.1931	0.1634	0.6433	234.2	11 459	32 562
$M_d, RECS$	28.31	16.08	21.32	0.4308	0.2446	0.3244	323.6	-1 489c	17 489
$R_e, RECS$	25.78	14.92	5.8	0.5543	0.3209	0.1247	357.6	43 616	16 480
$Y_e, RECS$	55.25	57.16	8.26	0.4578	0.4736	0.0684	44.7	33 567	13 467
$G_e, RECS$	13.11	24.7	14.79	0.2492	0.4695	0.2811	114.9	22 510	-1 510c
$B_e, RECS$	11.75	13.6	39.06	0.1824	0.2111	0.6063	222.3	13 468	33 568

5-001030-L0

SN830-1N_1

Device colours $RYGCBM_d$ of maximum (m) C_{AB} for D65, $Y_{w,10}=88,6$

Code	Y	A	B	C_{AB}	a	b	h_{AB}	i_{dm}, λ_d	i_c, λ_c
$R_d, RECS$	14.64	11.49	4.69	12.41	1.7327	-0.1085	22.2	41 606	15 479
$Y_d, RECS$	64.23	-0.89	24.08	24.1	0.9342	-0.0542	92.1	33 565	13 468
$G_d, RECS$	20.5	-8.95	5.73	10.63	0.5113	-0.1496	147.3	26 530	-1 530c
$C_d, RECS$	30.59	-8.31	-12.86	15.32	0.6762	-0.8498	237.1	14 473	34 574
$B_d, RECS$	5.48	1.28	-6.28	6.41	1.1818	-1.5742	281.5	11 457	31 558
$M_d, RECS$	16.08	13.06	-1.62	13.16	1.7607	-0.5304	352.9	-1 487c	17 487
$R_e, RECS$	14.92	11.62	4.08	12.32	1.727	-0.1554	19.3	43 615	16 480
$Y_e, RECS$	57.16	1.05	21.23	21.26	0.9665	-0.0578	87.1	33 567	13 469
$G_e, RECS$	24.7	-10.3	4.68	11.32	0.5308	-0.2395	155.5	23 517	-1 517c
$B_e, RECS$	13.6	-1.14	-9.78	9.85	0.8639	-1.1484	263.3	13 467	32 564

5-001030-L0

SN830-3N_1

Device colours $RYGCBM_d$ of maximum (m) C_{AB} for D65, $Y_{w,10}=88,6$

Code	L^*	a^*	b^*	C^*_{ab}	a'	b'	h_{ab}	i_{dm}, λ^*_d	i_c, λ^*_c
$R_d, RECS$	45.16	58.65	38.73	70.29	0.2631	-0.0542	33.4	-1 474c	14 474
$Y_d, RECS$	84.09	-2.12	85.92	85.94	0.2141	-0.043	91.4	33 565	13 465
$G_d, RECS$	52.41	-54.82	34.92	65.0	0.1751	-0.0603	147.5	23 519	-1 519c
$C_d, RECS$	62.17	-35.88	-34.44	49.73	0.1922	-0.1076	223.8	14 472	-1 472c
$B_d, RECS$	28.1	14.46	-41.16	43.63	0.2316	-0.1322	289.3	12 461	30 550
$M_d, RECS$	47.09	62.28	-7.94	62.79	0.2645	-0.092	352.7	-1 495c	19 495
$R_e, RECS$	45.54	58.67	30.45	66.1	0.2628	-0.0611	27.4	-1 475c	15 475
$Y_e, RECS$	80.27	2.66	80.87	80.91	0.2166	-0.0439	88.1	33 567	13 466
$G_e, RECS$	56.79	-55.13	22.17	59.42	0.1773	-0.0705	158.0	22 510	-1 510c
$B_e, RECS$	43.67	-7.84	-39.91	40.67	0.2086	-0.119	258.8	13 467	35 575

5-001030-L0

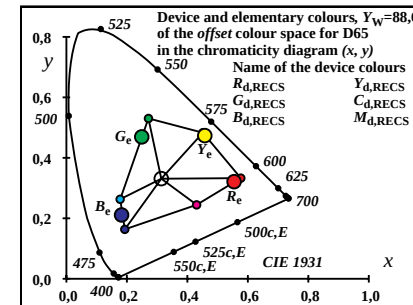
SN830-5N_1

Device colours $RYGCBM_d$ of maximum (m) C_{AB} for D65, $Y_{w,10}=88,6$

CodeD65	L^*	a^*	b^*	C^*_{ab}	a'	b'	h_{ab}	i_{dm}, λ^*_d	i_c, λ^*_c
$R_d, RECS$	45.16	58.62	38.58	70.18	0.2631	-0.0542	33.3	-1 474c	14 474
$Y_d, RECS$	84.09	-2.11	85.53	85.56	0.2141	-0.043	91.4	33 565	13 465
$G_d, RECS$	52.41	-54.8	34.77	64.91	0.1752	-0.0603	147.6	23 519	-1 519c
$C_d, RECS$	62.17	-35.86	-34.28	49.61	0.1923	-0.1076	223.7	14 472	-1 472c
$B_d, RECS$	28.1	14.46	-40.99	43.47	0.2316	-0.1322	289.4	12 461	30 550
$M_d, RECS$	47.09	62.25	-7.9	62.75	0.2645	-0.092	352.7	-1 495c	19 495
$R_e, RECS$	45.54	58.64	30.32	66.02	0.2628	-0.0611	27.3	-1 475c	15 475
$Y_e, RECS$	80.27	2.66	80.51	80.55	0.2166	-0.0439	88.1	33 567	13 466
$G_e, RECS$	56.79	-55.11	22.07	59.36	0.1774	-0.0705	158.1	22 510	-1 510c
$B_e, RECS$	43.67	-7.83	-39.73	40.5	0.2086	-0.119	258.8	13 467	35 575

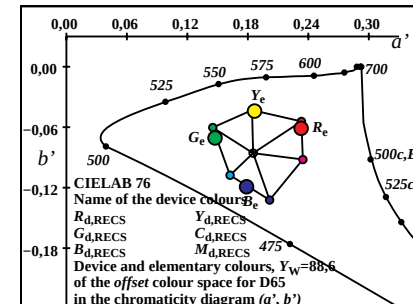
5-001030-L0

SN830-7N_1



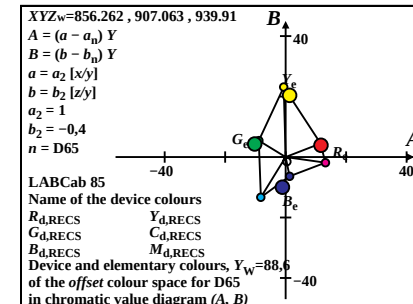
5-001030-L0

SN831-1N_1



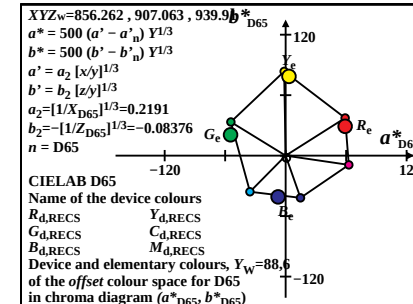
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SN831-3N_1



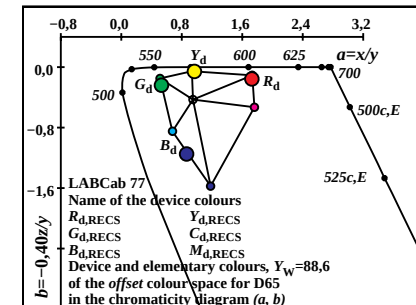
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SN831-5N_1



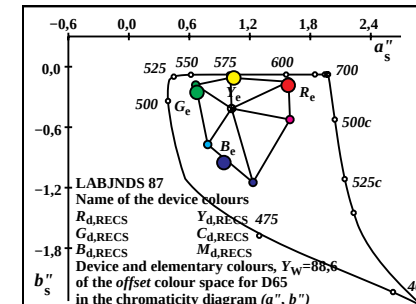
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SN831-7N_1



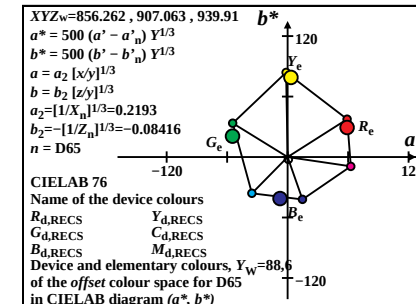
5-001030-L0

SN831-2N_1



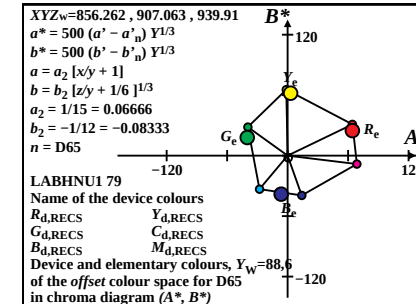
5-001030-L0

SN831-4N_1



5-001030-L0

SN831-6N_1



5-001030-L0

SN831-8N_1

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps

input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

Device colours RYGBM _d of maximum (m) C _{AB} for D50, Y _{w,10} =88,6										
Code	X	Y	Z	x	y	z	h _{xy}	i _{dm} , λ _d	i _c , λ _c	
R _{d,RECS}	28.87	16.22	3.02	0.6001	0.337	0.0627	354.9	41 608	16 482	
Y _{d,RECS}	64.83	66.08	6.92	0.4703	0.4794	0.0502	44.3	33 567	13 466	
G _{d,RECS}	10.61	20.0	6.06	0.2893	0.5453	0.1653	107.4	25 527	-1 527c	
C _{d,RECS}	18.37	28.64	49.68	0.1899	0.2962	0.5138	201.8	15 476	35 578	
B _{d,RECS}	5.8	5.13	16.27	0.2133	0.1886	0.5979	231.8	12 460	32 564	
M _{d,RECS}	30.96	17.34	15.96	0.4818	0.2698	0.2483	326.2	-1 491c	18 491	
R _{e,RECS}	29.19	16.46	4.38	0.5833	0.3289	0.0876	352.6	43 615	16 483	
Y _{e,RECS}	59.93	58.98	6.54	0.4777	0.4701	0.0521	40.3	33 569	13 469	
G _{e,RECS}	13.0	23.96	11.52	0.2682	0.4941	0.2375	120.5	21 509	-1 509c	
B _{e,RECS}	10.42	12.7	29.63	0.1975	0.2407	0.5617	218.3	14 470	34 570	

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SN830-1N_2

Device colours RYGBM _d of maximum (m) C _{AB} for D50, Y _{w,10} =88,6										
Code	Y	A	B	C _{AB}	a	b	h _{AB}	i _{dm} , λ _d	i _c , λ _c	
R _{d,RECS}	16.22	13.19	4.07	13.8	1.7804	-0.0745	17.1	42 614	17 486	
Y _{d,RECS}	66.08	0.92	18.75	18.77	0.9811	-0.0418	87.1	33 568	14 470	
G _{d,RECS}	20.0	-8.73	4.08	9.64	0.5305	-0.1212	154.9	24 520	-1 520c	
C _{d,RECS}	28.64	-9.33	-10.54	14.08	0.6412	-0.6938	228.4	15 475	34 572	
B _{d,RECS}	5.13	0.83	-4.83	4.91	1.1307	-1.2677	279.8	11 459	32 563	
M _{d,RECS}	17.34	14.19	-0.73	14.21	1.7856	-0.3682	357.0	-1 499c	19 499	
R _{e,RECS}	16.46	13.27	3.6	13.75	1.7732	-0.1065	15.2	46 634	17 486	
Y _{e,RECS}	58.98	2.88	16.59	16.83	1.0161	-0.0443	80.1	33 569	14 472	
G _{e,RECS}	23.96	-10.16	3.19	10.65	0.5429	-0.1923	162.5	20 500	-1 500c	
B _{e,RECS}	12.7	-1.86	-7.71	7.94	0.8205	-0.9333	256.4	13 469	33 567	

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SN830-3N_2

Device colours RYGBM _d of maximum (m) C _{AB} for D50, Y _{w,10} =88,6										
Code	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c	
R _{d,RECS}	47.27	61.48	42.32	74.64	0.2655	-0.0478	34.5	-1 474c	14 474	
Y _{d,RECS}	85.04	2.08	86.23	86.25	0.2177	-0.0394	88.6	33 568	13 466	
G _{d,RECS}	51.85	-53.02	32.79	62.34	0.1773	-0.0562	148.2	24 522	-1 522c	
C _{d,RECS}	60.47	-42.19	-37.8	56.64	0.1889	-0.1006	221.8	14 473	58 694	
B _{d,RECS}	27.14	9.91	-42.57	43.71	0.2282	-0.123	283.1	12 463	31 556	
M _{d,RECS}	48.7	63.2	-4.65	63.37	0.2657	-0.0814	355.7	-1 494c	18 494	
R _{e,RECS}	47.59	61.33	34.04	70.15	0.2651	-0.0538	29.0	-1 475c	15 475	
Y _{e,RECS}	81.28	6.94	81.39	81.69	0.2202	-0.0402	85.1	34 570	13 466	
G _{e,RECS}	56.05	-54.35	19.99	57.91	0.1787	-0.0656	159.8	22 512	-1 512c	
B _{e,RECS}	42.32	-13.4	-42.25	44.33	0.205	-0.111	252.4	13 468	36 581	

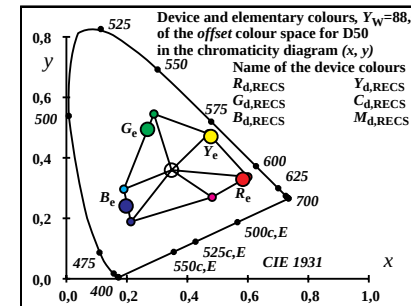
5-001130-L0

SN830-5N_2

Device colours RYGBM _d of maximum (m) C _{AB} for D50, Y _{w,10} =88,6										
CodeD65	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c	
R _{d,RECS}	47.27	61.86	38.44	72.83	0.2655	-0.0478	31.8	-1 475c	15 475	
Y _{d,RECS}	85.04	2.09	78.29	78.31	0.2177	-0.0394	88.4	33 568	13 466	
G _{d,RECS}	51.85	-53.36	29.77	61.1	0.1773	-0.0562	150.8	24 520	-1 520c	
C _{d,RECS}	60.47	-42.45	-34.31	54.58	0.1889	-0.1006	218.9	14 473	-1 473c	
B _{d,RECS}	27.14	9.98	-38.66	39.93	0.2282	-0.123	284.4	12 462	31 555	
M _{d,RECS}	48.7	63.59	-4.23	63.73	0.2658	-0.0814	356.1	-1 494c	18 494	
R _{e,RECS}	47.59	61.71	30.92	69.03	0.2652	-0.0538	26.6	-1 476c	15 476	
Y _{e,RECS}	81.28	6.98	73.9	74.23	0.2202	-0.0402	84.6	34 571	13 466	
G _{e,RECS}	56.05	-54.69	18.15	57.63	0.1787	-0.0656	161.6	22 510	-1 510c	
B _{e,RECS}	42.32	-13.49	-38.36	40.66	0.2051	-0.111	250.6	13 468	36 583	

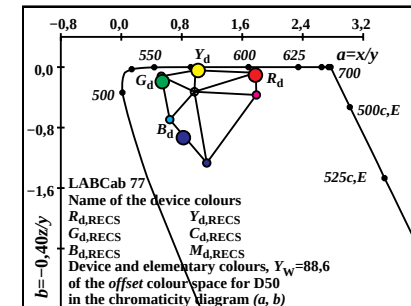
5-001130-L0

SN830-7N_2



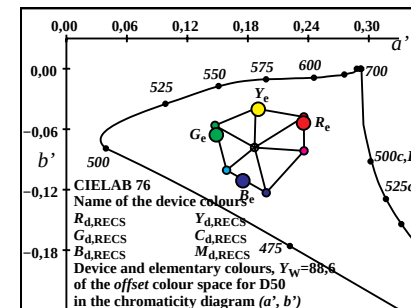
5-001130-L0

SN831-1N_2



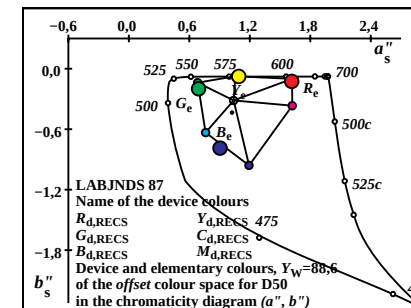
5-001130-L0

SN831-2N_2



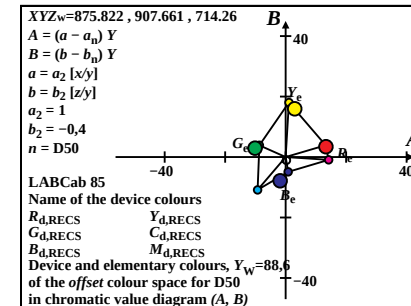
5-001130-L0

SN831-3N_2



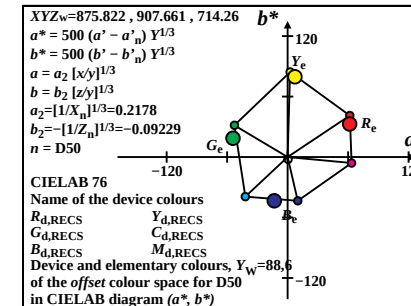
5-001130-L0

SN831-4N_2



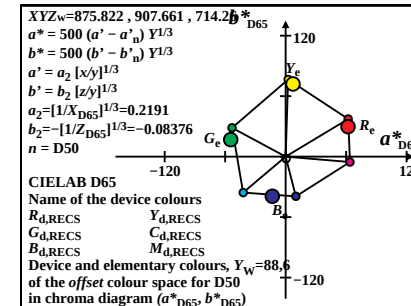
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SN831-5N_2



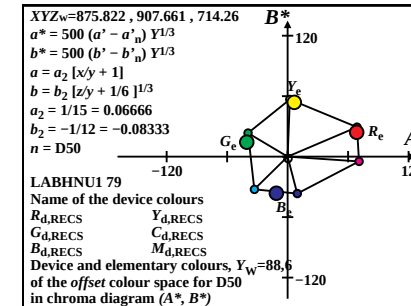
5-001130-L0

SN831-6N_2



5-001130-L0

SN831-7N_2



5-001130-L0

SN831-8N_2

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps

input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

Device colours RYGBM_d of maximum (m) C_{AB} for P40, Y_{w,10}=88,6

Code	X	Y	Z	x	y	z	h _{xy}	i _{dm} , λ _d	i _c , λ _c
R _{d,RECS}	33.01	18.05	2.39	0.6174	0.3376	0.0448	350.8	41 609	16 484
Y _{d,RECS}	70.8	67.85	5.63	0.4906	0.4702	0.039	41.0	34 570	13 467
G _{d,RECS}	10.8	19.09	4.9	0.3104	0.5487	0.1408	112.5	25 527	-1 527c
C _{d,RECS}	16.96	26.35	39.1	0.2058	0.3197	0.4743	197.5	15 477	36 580
B _{d,RECS}	5.54	4.81	12.77	0.2395	0.2081	0.5523	229.5	12 460	33 567
M _{d,RECS}	34.59	18.91	12.57	0.5234	0.2862	0.1902	327.6	-1 492c	18 492
R _{e,RECS}	33.28	18.27	3.47	0.6048	0.332	0.0631	348.9	43 615	17 485
Y _{e,RECS}	65.68	60.77	5.31	0.4984	0.4612	0.0403	36.3	34 572	14 470
G _{e,RECS}	13.07	22.76	9.21	0.2901	0.5053	0.2044	125.3	21 508	-1 508c
B _{e,RECS}	9.73	11.73	23.29	0.2175	0.2621	0.5203	214.6	14 471	34 572

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SN830-1N_3

Device colours RYGBM_d of maximum (m) C_{AB} for P40, Y_{w,10}=88,6

Code	Y	A	B	C _{AB}	a	b	h _{AB}	i _{dm} , λ _d	i _c , λ _c
R _{d,RECS}	18.05	14.64	3.69	15.1	1.8283	-0.0531	14.1	49 646	18 494
Y _{d,RECS}	67.85	1.75	15.23	15.33	1.0434	-0.0332	83.4	34 570	13 467
G _{d,RECS}	19.09	-8.62	2.96	9.12	0.5656	-0.1026	161.0	20 503	-1 503c
C _{d,RECS}	26.35	-9.85	-8.84	13.24	0.6437	-0.5934	221.9	15 476	34 573
B _{d,RECS}	4.81	0.64	-3.86	3.92	1.1507	-1.0614	279.4	12 461	33 569
M _{d,RECS}	18.91	15.34	-0.15	15.34	1.8286	-0.2658	359.4	-1 538c	27 538
R _{e,RECS}	18.27	14.69	3.32	15.06	1.8216	-0.076	12.7	-1 496c	19 496
Y _{e,RECS}	60.77	3.84	13.54	14.07	1.0807	-0.0349	74.1	34 572	14 474
G _{e,RECS}	22.76	-10.09	2.18	10.32	0.5741	-0.1618	167.7	18 493	43 617
B _{e,RECS}	11.73	-2.19	-6.29	6.66	0.83	-0.794	250.7	14 470	34 571

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SN830-3N_3

Device colours RYGBM_d of maximum (m) C_{AB} for P40, Y_{w,10}=88,6

Code	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c
R _{d,RECS}	49.57	60.95	46.22	76.49	0.2678	-0.0427	37.1	-1 474c	14 474
Y _{d,RECS}	85.93	3.69	86.95	87.03	0.2222	-0.0365	87.5	34 570	13 465
G _{d,RECS}	50.81	-51.15	30.41	59.51	0.1811	-0.0532	149.2	25 525	-1 525c
C _{d,RECS}	58.38	-45.35	-41.07	61.19	0.1891	-0.0955	222.1	14 473	58 690
B _{d,RECS}	26.22	7.6	-43.83	44.48	0.2295	-0.1159	279.8	12 463	32 562
M _{d,RECS}	50.6	61.92	-1.19	61.93	0.2678	-0.073	358.8	-1 493c	18 493
R _{e,RECS}	49.83	60.77	37.9	71.62	0.2675	-0.0481	31.9	-1 475c	15 475
Y _{e,RECS}	82.26	8.6	82.33	82.77	0.2248	-0.0371	84.0	34 573	13 466
G _{e,RECS}	54.84	-52.99	17.54	55.82	0.182	-0.0619	161.6	22 513	-1 513c
B _{e,RECS}	40.8	-16.05	-44.53	47.34	0.2058	-0.1052	250.1	13 468	36 584

5-001230-L0

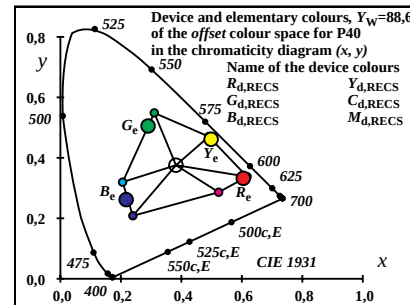
SN830-5N_3

Device colours RYGBM_d of maximum (m) C_{AB} for P40, Y_{w,10}=88,6

CodeD65	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c
R _{d,RECS}	49.57	62.37	38.84	73.47	0.2679	-0.0427	31.9	-1 475c	15 475
Y _{d,RECS}	85.93	3.78	73.02	73.12	0.2222	-0.0365	87.0	34 571	13 465
G _{d,RECS}	50.81	-52.35	25.55	58.25	0.1812	-0.0532	153.9	24 521	-1 521c
C _{d,RECS}	58.38	-46.41	-34.49	57.83	0.1891	-0.0955	216.6	14 474	-1 474c
B _{d,RECS}	26.22	7.79	-36.82	37.64	0.2295	-0.1159	281.9	12 462	32 560
M _{d,RECS}	50.6	63.36	-1.0	63.37	0.2679	-0.073	359.0	-1 493c	18 493
R _{e,RECS}	49.83	62.18	31.84	69.87	0.2675	-0.0481	27.1	-1 476c	15 476
Y _{e,RECS}	82.26	8.79	69.14	69.7	0.2248	-0.0371	82.7	34 574	13 466
G _{e,RECS}	54.84	-54.23	14.73	56.2	0.1821	-0.0619	164.7	22 510	-1 510c
B _{e,RECS}	40.8	-16.43	-37.4	40.85	0.2059	-0.1052	246.2	13 469	37 588

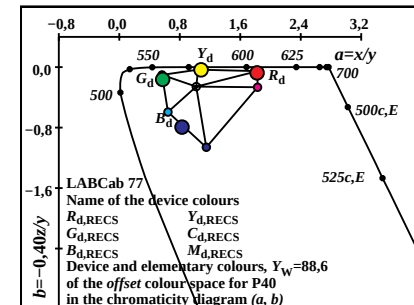
5-001230-L0

SN830-7N_3



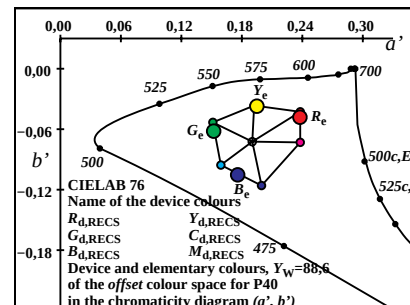
5-001230-L0

SN831-1N_3



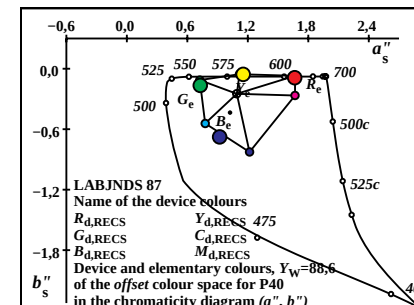
5-001230-L0

SN831-2N_3



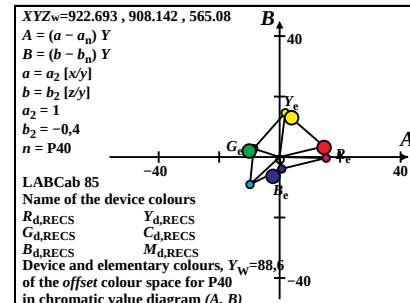
5-001230-L0

SN831-3N_3



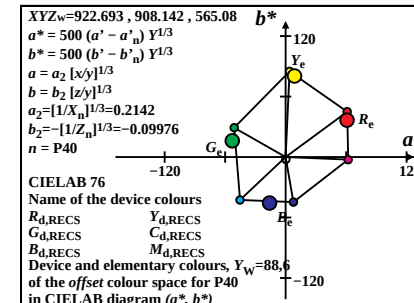
5-001230-L0

SN831-4N_3



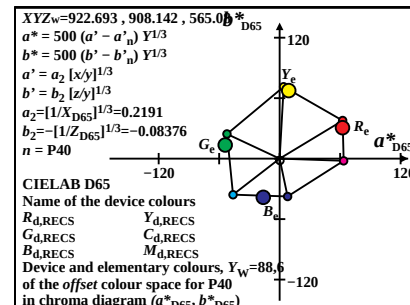
5-001230-L0

SN831-5N_3



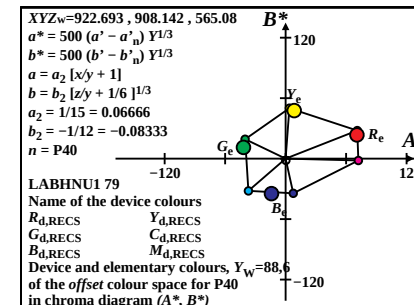
5-001230-L0

SN831-6N_3



5-001230-L0

SN831-7N_3



5-001230-L0

SN831-8N_3

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps

input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

Device colours $RYGCBM_d$ of maximum (m) C_{AB} for A00, $Y_{w,10}=88,6$

Code	X	Y	Z	x	y	z	h_{xy}	i_{dm}, λ_d	i_c, λ_c
$R_d, RECS$	41.89	21.92	1.32	0.6431	0.3365	0.0202	340.1	42 610	18 490
$Y_d, RECS$	81.81	70.71	3.43	0.5245	0.4533	0.022	32.8	34 574	14 471
$G_d, RECS$	11.16	17.49	2.94	0.3531	0.5534	0.0933	123.5	25 526	-1 526c
$C_d, RECS$	14.61	22.56	21.6	0.2485	0.3839	0.3675	186.2	16 481	36 582
$B_d, RECS$	5.17	4.35	6.84	0.3159	0.266	0.4179	225.9	11 459	34 572
$M_d, RECS$	42.53	22.37	6.65	0.5944	0.3126	0.0929	326.9	-1 496c	19 496
$R_e, RECS$	42.09	22.09	1.88	0.637	0.3343	0.0285	338.9	43 615	18 490
$Y_e, RECS$	76.5	63.81	3.21	0.5329	0.4445	0.0224	25.2	35 576	14 474
$G_e, RECS$	13.21	20.67	5.34	0.3367	0.5269	0.1362	133.3	21 507	-1 507c
$B_e, RECS$	8.66	10.2	12.66	0.2747	0.3235	0.4016	205.0	14 474	35 576

5-001330-L0

SN830-1N_4

Device colours $RYGCBM_d$ of maximum (m) C_{AB} for A00, $Y_{w,10}=88,6$

Code	Y	A	B	C_{AB}	a	b	h_{AB}	i_{dm}, λ_d	i_c, λ_c
$R_d, RECS$	21.92	17.53	2.55	17.71	1.9112	-0.024	8.3	-1 598c	39 598
$Y_d, RECS$	70.71	3.21	8.58	9.16	1.157	-0.0194	69.4	14 472	34 574
$G_d, RECS$	17.49	-8.28	1.28	8.37	0.638	-0.0674	171.1	18 491	32 561
$C_d, RECS$	22.56	-10.47	-5.46	11.81	0.6474	-0.3828	207.5	15 479	34 571
$B_d, RECS$	4.35	0.33	-2.12	2.14	1.1872	-0.6283	278.8	12 464	35 576
$M_d, RECS$	22.37	17.67	0.48	17.67	1.9014	-0.1189	1.5	-1 589c	37 589
$R_e, RECS$	22.09	17.53	2.35	17.69	1.905	-0.0341	7.6	-1 596c	39 596
$Y_e, RECS$	63.81	5.57	7.69	9.5	1.1988	-0.0201	54.0	13 467	35 576
$G_e, RECS$	20.67	-9.76	0.77	9.79	0.6391	-0.1034	175.4	17 488	32 564
$B_e, RECS$	10.2	-2.67	-3.62	4.5	0.8491	-0.4965	233.6	14 474	34 574

5-001330-L0

SN830-3N_4

Device colours $RYGCBM_d$ of maximum (m) C_{AB} for A00, $Y_{w,10}=88,6$

Code	L^*	a^*	b^*	C^*_{ab}	a'	b'	h_{ab}	i_{dm}, λ^*_d	i_c, λ^*_c
$R_d, RECS$	53.95	59.69	53.59	80.22	0.2718	-0.0328	41.9	46 633	14 474
$Y_d, RECS$	87.35	5.99	86.03	86.24	0.2299	-0.0305	86.0	35 575	13 465
$G_d, RECS$	48.88	-47.2	24.32	53.09	0.1886	-0.0462	152.7	26 532	-1 532c
$C_d, RECS$	54.63	-50.15	-48.18	69.55	0.1895	-0.0825	223.8	14 473	44 624
$B_d, RECS$	24.84	3.9	-45.45	45.61	0.2319	-0.0973	274.9	12 463	33 569
$M_d, RECS$	54.42	59.47	6.62	59.84	0.2714	-0.0559	6.3	-1 489c	17 489
$R_e, RECS$	54.13	59.45	45.44	74.83	0.2715	-0.0368	37.3	-1 475c	15 475
$Y_e, RECS$	83.87	10.99	82.05	82.78	0.2327	-0.0309	82.3	35 577	13 466
$G_e, RECS$	52.6	-49.78	11.54	51.1	0.1887	-0.0533	166.9	23 516	-1 516c
$B_e, RECS$	38.21	-20.03	-48.77	52.73	0.2074	-0.09	247.6	13 469	37 587

5-001330-L0

SN830-5N_4

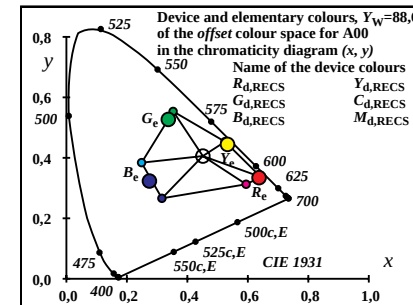
Device colours $RYGCBM_d$ of maximum (m) C_{AB} for A00, $Y_{w,10}=88,6$

CodeD65	L^*	a^*	b^*	C^*_{ab}	a'	b'	h_{ab}	i_{dm}, λ^*_d	i_c, λ^*_c
$R_d, RECS$	53.95	62.9	36.81	72.88	0.2719	-0.0328	30.3	-1 477c	15 477
$Y_d, RECS$	87.35	6.31	59.06	59.4	0.23	-0.0305	83.8	35 576	13 465
$G_d, RECS$	48.88	-49.75	16.7	52.48	0.1886	-0.0462	161.4	24 522	-1 522c
$C_d, RECS$	54.63	-52.86	-33.07	62.35	0.1895	-0.0825	212.0	15 476	-1 476c
$B_d, RECS$	24.84	4.12	-31.21	31.48	0.232	-0.0973	277.5	12 462	33 568
$M_d, RECS$	54.42	62.67	4.55	62.84	0.2714	-0.0559	4.1	-1 491c	18 491
$R_e, RECS$	54.13	62.65	31.2	70.0	0.2716	-0.0368	26.4	-1 478c	15 478
$Y_e, RECS$	83.87	11.58	56.32	57.5	0.2327	-0.0309	78.3	35 579	13 467
$G_e, RECS$	52.6	-52.47	7.92	53.07	0.1887	-0.0533	171.4	22 510	-1 510c
$B_e, RECS$	38.21	-21.12	-33.48	39.59	0.2074	-0.09	237.7	14 470	39 596

5-001330-L0

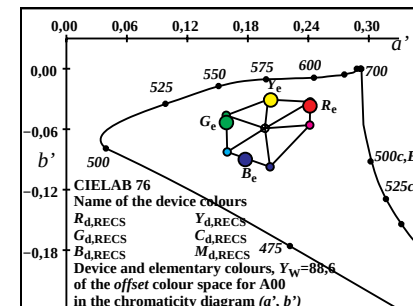
SN830-7N_4

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps



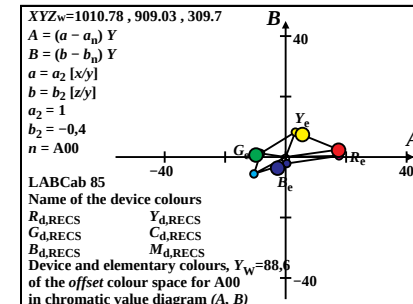
5-001330-L0

SN831-1N_4



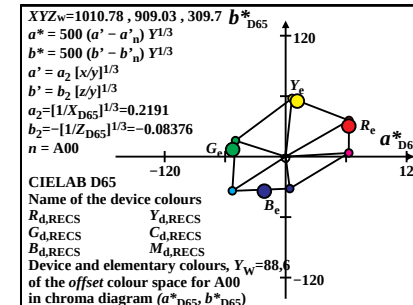
5-001330-L0

SN831-3N_4



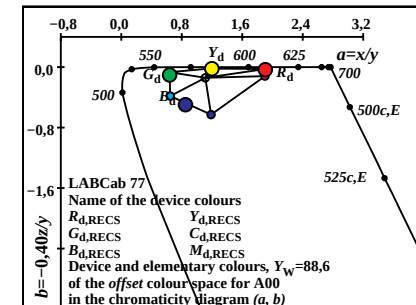
5-001330-L0

SN831-5N_4



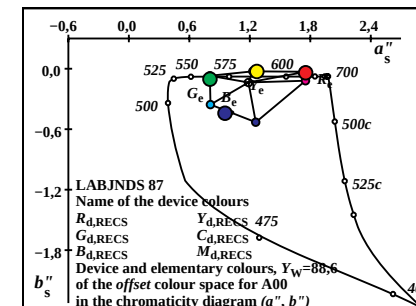
5-001330-L0

SN831-7N_4



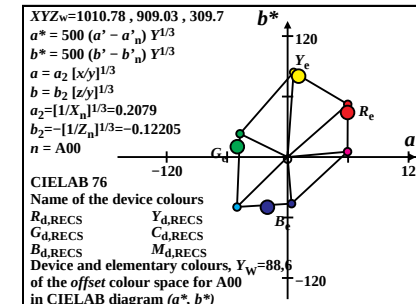
5-001330-L0

SN831-2N_4



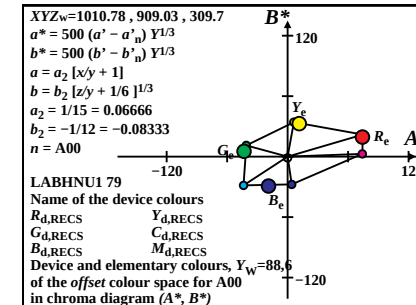
5-001330-L0

SN831-4N_4



5-001330-L0

SN831-6N_4



5-001330-L0

SN831-8N_4

input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

Device colours RYGBM_d of maximum (m) C_{AB} for E00, Y_{w,10}=88,6

Code	X	Y	Z	x	y	z	h _{xy}	i _{dm} , λ _d	i _c , λ _c
R _{d,RECS}	28.98	16.22	3.71	0.5925	0.3316	0.0758	359.6	41 608	16 480
Y _{d,RECS}	64.79	65.45	8.08	0.4683	0.4731	0.0584	45.9	33 567	12 464
G _{d,RECS}	10.67	19.77	7.08	0.2843	0.5269	0.1886	104.1	25 527	-1 527c
C _{d,RECS}	20.18	28.9	59.85	0.1852	0.2652	0.5494	204.7	14 474	35 579
B _{d,RECS}	6.53	5.28	20.04	0.205	0.1658	0.6291	232.5	11 458	32 564
M _{d,RECS}	31.73	17.48	19.96	0.4586	0.2527	0.2885	327.2	-1 489c	17 489
R _{e,RECS}	29.37	16.48	5.42	0.5728	0.3214	0.1057	357.1	43 615	16 480
Y _{e,RECS}	59.92	58.45	7.67	0.4753	0.4637	0.0608	42.5	33 569	13 467
G _{e,RECS}	13.26	23.75	13.65	0.2617	0.4687	0.2694	117.8	21 509	-1 509c
B _{e,RECS}	11.63	12.92	36.11	0.1917	0.2129	0.5953	220.3	13 468	34 570

5-001430-L0

SN830-1N_5

Device colours RYGBM_d of maximum (m) C_{AB} for E00, Y_{w,10}=88,6

Code	Y	A	B	C _{AB}	a	b	h _{AB}	i _{dm} , λ _d	i _c , λ _c
R _{d,RECS}	16.22	12.76	5.0	13.71	1.7868	-0.0914	21.4	41 608	16 480
Y _{d,RECS}	65.45	-0.65	22.94	22.95	0.9899	-0.0494	91.6	33 567	12 464
G _{d,RECS}	19.77	-9.1	5.07	10.42	0.5396	-0.1432	150.8	25 527	-1 527c
C _{d,RECS}	28.9	-8.71	-12.38	15.13	0.6984	-0.8284	234.8	14 474	35 579
B _{d,RECS}	5.28	1.24	-5.9	6.03	1.236	-1.517	281.9	11 458	32 564
M _{d,RECS}	17.48	14.24	-0.99	14.28	1.8148	-0.4567	356.0	-1 489c	17 489
R _{e,RECS}	16.48	12.89	4.42	13.63	1.782	-0.1316	18.9	43 615	16 480
Y _{e,RECS}	58.45	1.47	20.31	20.36	1.0251	-0.0524	85.8	33 569	13 467
G _{e,RECS}	23.75	-10.48	4.04	11.23	0.5584	-0.2299	158.9	21 509	-1 509c
B _{e,RECS}	12.92	-1.28	-9.27	9.36	0.9002	-1.118	262.0	13 468	34 570

5-001430-L0

SN830-3N_5

Device colours RYGBM_d of maximum (m) C_{AB} for E00, Y_{w,10}=88,6

Code	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c
R _{d,RECS}	47.27	58.2	42.33	71.97	0.2658	-0.0512	36.0	-1 473c	14 473
Y _{d,RECS}	84.72	-1.44	87.13	87.14	0.2183	-0.0417	90.9	33 567	13 465
G _{d,RECS}	51.59	-54.1	33.75	63.76	0.1783	-0.0594	148.0	24 521	-1 521c
C _{d,RECS}	60.7	-37.24	-36.31	52.01	0.1943	-0.1067	224.2	14 472	-1 472c
B _{d,RECS}	27.55	13.72	-41.96	44.14	0.235	-0.1305	288.1	12 461	30 553
M _{d,RECS}	48.87	61.43	-5.04	61.64	0.2672	-0.0875	355.3	-1 493c	18 493
R _{e,RECS}	47.61	58.22	33.93	67.38	0.2656	-0.0578	30.2	-1 474c	14 474
Y _{e,RECS}	80.99	3.48	82.21	82.29	0.2209	-0.0425	87.5	34 570	13 465
G _{e,RECS}	55.85	-54.63	20.86	58.48	0.1804	-0.0696	159.0	22 510	-1 510c
B _{e,RECS}	42.65	-8.69	-41.3	42.2	0.2115	-0.1179	258.1	13 467	35 578

5-001430-L0

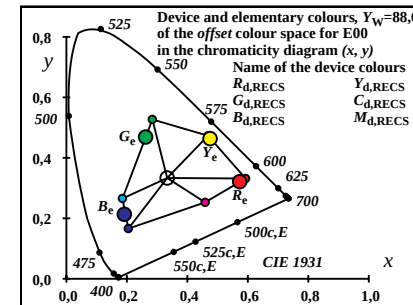
SN830-5N_5

Device colours RYGBM_d of maximum (m) C_{AB} for E00, Y_{w,10}=88,6

CodeD65	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c
R _{d,RECS}	47.27	59.21	41.18	72.13	0.2658	-0.0512	34.8	-1 473c	14 473
Y _{d,RECS}	84.72	-1.46	84.72	84.73	0.2183	-0.0417	90.9	33 567	13 465
G _{d,RECS}	51.59	-55.04	32.83	64.09	0.1783	-0.0594	149.1	24 520	-1 520c
C _{d,RECS}	60.7	-37.89	-35.3	51.78	0.1944	-0.1067	222.9	14 472	-1 472c
B _{d,RECS}	27.55	13.97	-40.81	43.14	0.2351	-0.1306	288.8	12 461	30 552
M _{d,RECS}	48.87	62.5	-4.9	62.69	0.2672	-0.0875	355.5	-1 492c	18 492
R _{e,RECS}	47.61	59.23	33.0	67.8	0.2656	-0.0578	29.1	-1 474c	14 474
Y _{e,RECS}	80.99	3.54	79.94	80.02	0.2209	-0.0425	87.4	34 570	13 465
G _{e,RECS}	55.85	-55.58	20.29	59.17	0.1804	-0.0696	159.9	21 509	-1 509c
B _{e,RECS}	42.65	-8.84	-40.16	41.12	0.2115	-0.1179	257.5	13 467	35 578

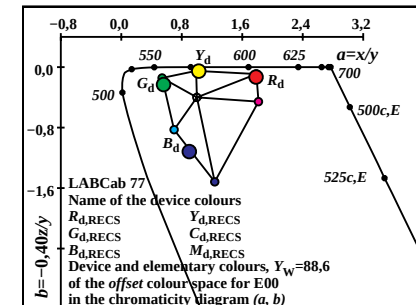
5-001430-L0

SN830-7N_5



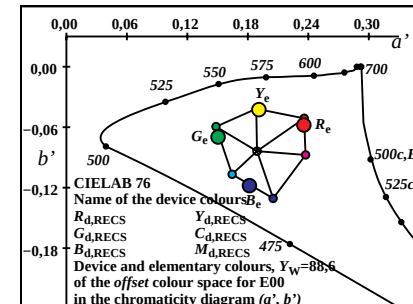
5-001430-L0

SN831-1N_5



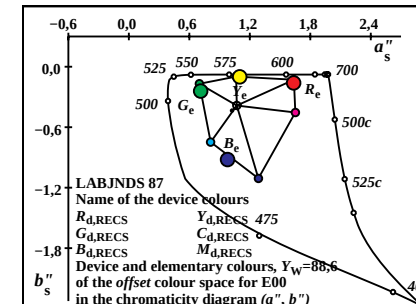
5-001430-L0

SN831-2N_5



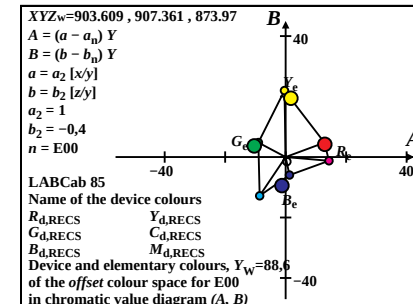
5-001430-L0

SN831-3N_5



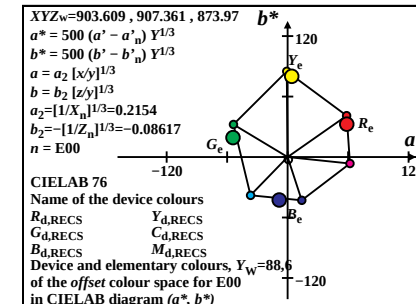
5-001430-L0

SN831-4N_5



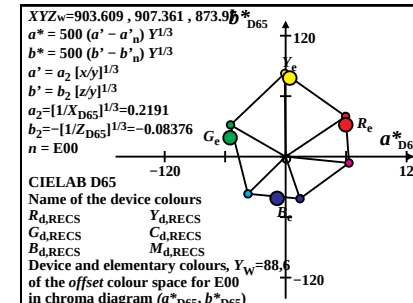
5-001430-L0

SN831-5N_5



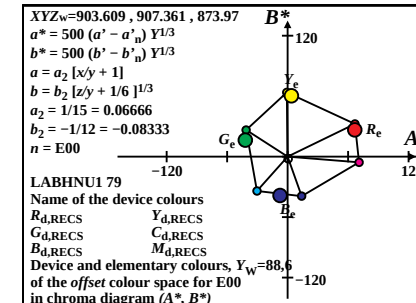
5-001430-L0

SN831-6N_5



5-001430-L0

SN831-7N_5



5-001430-L0

SN831-8N_5

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps

input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

Device colours $RYGCBM_d$ of maximum (m) C_{AB} for C00, $Y_{w,10}=88,6$

Code	X	Y	Z	x	y	z	h_{xy}	i_{dm}, λ_d	i_c, λ_c
$R_{d,RECS}$	25.79	14.75	4.27	0.5754	0.3291	0.0954	2.1	41 607	15 479
$Y_{d,RECS}$	60.8	63.87	9.17	0.4542	0.4771	0.0685	47.6	33 566	12 464
$G_{d,RECS}$	10.53	19.92	8.11	0.2731	0.5163	0.2104	100.6	25 527	-1 527c
$C_{d,RECS}$	21.59	30.33	70.29	0.1766	0.2482	0.5751	207.9	14 473	35 577
$B_{d,RECS}$	6.84	5.55	23.47	0.1909	0.1548	0.6542	233.9	11 459	32 563
$M_{d,RECS}$	29.01	16.28	23.2	0.4235	0.2377	0.3386	324.3	-1 488c	17 488
$R_{e,RECS}$	26.22	15.04	6.26	0.5517	0.3164	0.1317	359.3	43 616	15 479
$Y_{e,RECS}$	55.99	56.86	8.71	0.4605	0.4677	0.0717	44.6	33 567	13 466
$G_{e,RECS}$	13.26	24.06	15.8	0.2496	0.4529	0.2974	114.3	21 509	-1 509c
$B_{e,RECS}$	12.35	13.59	42.35	0.1808	0.199	0.62	222.8	13 467	33 568

5-001530-L0

SN830-1N_6

Device colours $RYGCBM_d$ of maximum (m) C_{AB} for C00, $Y_{w,10}=88,6$

Code	Y	A	B	C_{AB}	a	b	h_{AB}	i_{dm}, λ_d	i_c, λ_c
$R_{d,RECS}$	14.75	11.44	5.14	12.54	1.7484	-0.1159	24.2	41 605	15 478
$Y_{d,RECS}$	63.87	-1.33	26.0	26.03	0.9519	-0.0574	92.9	33 566	13 466
$G_{d,RECS}$	19.92	-8.84	6.0	10.68	0.529	-0.163	145.8	26 531	-1 531c
$C_{d,RECS}$	30.33	-7.92	-14.02	16.1	0.7116	-0.9268	240.5	14 473	35 578
$B_{d,RECS}$	5.55	1.44	-6.8	6.95	1.233	-1.6901	281.9	11 457	32 560
$M_{d,RECS}$	16.28	13.16	-1.71	13.28	1.7814	-0.5698	352.5	-1 485c	17 485
$R_{e,RECS}$	15.04	11.58	4.48	12.42	1.7432	-0.1665	21.1	42 612	15 478
$Y_{e,RECS}$	56.86	0.66	22.93	22.94	0.9846	-0.0613	88.3	33 567	13 467
$G_{e,RECS}$	24.06	-10.15	4.85	11.25	0.551	-0.2626	154.4	23 518	-1 518c
$B_{e,RECS}$	13.59	-0.87	-10.62	10.65	0.9083	-1.2458	265.2	13 467	33 567

5-001530-L0

SN830-3N_6

Device colours $RYGCBM_d$ of maximum (m) C_{AB} for C00, $Y_{w,10}=88,6$

Code	L^*	a^*	b^*	C^*_{ab}	a'	b'	h_{ab}	i_{dm}, λ^*_d	i_c, λ^*_c
$R_{d,RECS}$	45.3	56.99	39.1	69.12	0.2639	-0.0554	34.4	-1 473c	14 473
$Y_{d,RECS}$	83.9	-3.1	86.39	86.44	0.2155	-0.0438	92.0	33 565	13 465
$G_{d,RECS}$	51.75	-53.63	34.39	63.71	0.1771	-0.062	147.3	23 519	-1 519c
$C_{d,RECS}$	61.95	-33.23	-34.78	48.11	0.1955	-0.1108	226.3	14 471	58 691
$B_{d,RECS}$	28.28	15.66	-41.02	43.91	0.2348	-0.1353	290.8	12 461	30 550
$M_{d,RECS}$	47.36	60.98	-7.68	61.46	0.2655	-0.0942	352.8	-1 494c	18 494
$R_{e,RECS}$	45.7	57.04	30.77	64.82	0.2636	-0.0625	28.3	-1 474c	14 474
$Y_{e,RECS}$	80.11	1.66	81.3	81.31	0.2179	-0.0448	88.8	33 568	13 465
$G_{e,RECS}$	56.16	-53.66	21.53	57.82	0.1796	-0.0727	158.1	21 509	-1 509c
$B_{e,RECS}$	43.66	-5.8	-40.02	40.44	0.2121	-0.1223	261.7	13 467	34 574

5-001530-L0

SN830-5N_6

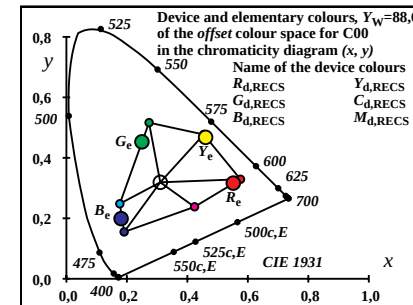
Device colours $RYGCBM_d$ of maximum (m) C_{AB} for C00, $Y_{w,10}=88,6$

CodeD65	L^*	a^*	b^*	C^*_{ab}	a'	b'	h_{ab}	i_{dm}, λ^*_d	i_c, λ^*_c
$R_{d,RECS}$	45.3	57.45	39.99	70.0	0.2639	-0.0554	34.8	-1 473c	14 473
$Y_{d,RECS}$	83.9	-3.13	88.29	88.35	0.2155	-0.0438	92.0	33 565	13 465
$G_{d,RECS}$	51.75	-54.07	35.16	64.5	0.1772	-0.0621	146.9	23 519	-1 519c
$C_{d,RECS}$	61.95	-33.5	-35.54	48.84	0.1956	-0.1108	226.6	14 471	58 690
$B_{d,RECS}$	28.28	15.8	-41.94	44.82	0.2349	-0.1353	290.6	12 461	30 550
$M_{d,RECS}$	47.36	61.48	-7.85	61.98	0.2656	-0.0942	352.7	-1 494c	18 494
$R_{e,RECS}$	45.7	57.51	31.46	65.56	0.2636	-0.0625	28.6	-1 474c	14 474
$Y_{e,RECS}$	80.11	1.67	83.09	83.11	0.2179	-0.0448	88.8	33 568	13 465
$G_{e,RECS}$	56.16	-54.1	22.0	58.4	0.1796	-0.0728	157.8	21 509	-1 509c
$B_{e,RECS}$	43.66	-5.85	-40.9	41.32	0.2121	-0.1223	261.8	13 466	34 574

5-001530-L0

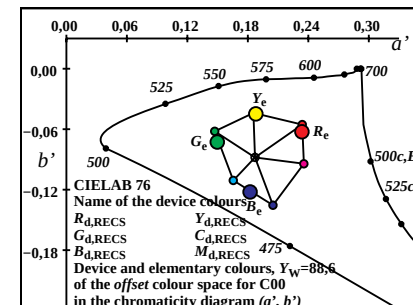
SN830-7N_6

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps



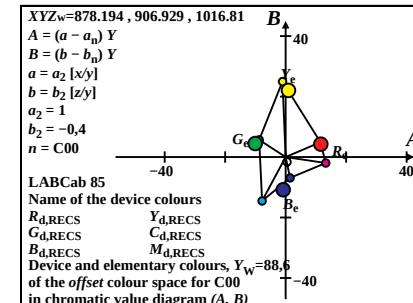
5-001530-L0

SN831-1N_6



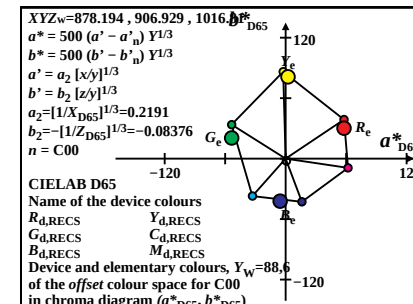
5-001530-L0

SN831-3N_6



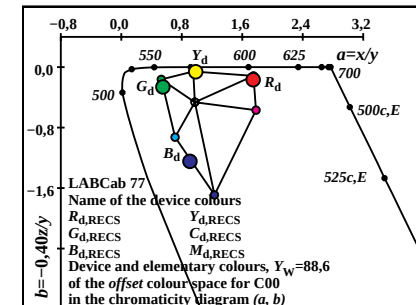
5-001530-L0

SN831-5N_6



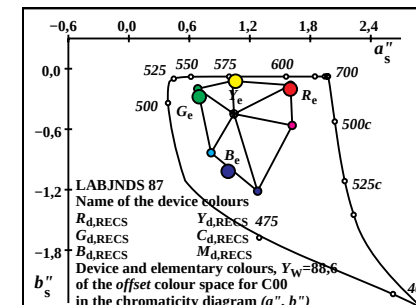
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SN831-7N_6



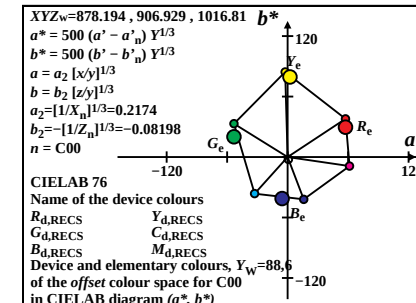
5-001530-L0

SN831-2N_6



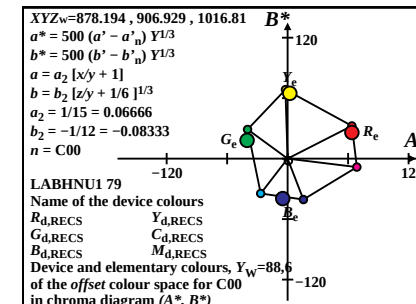
5-001530-L0

SN831-4N_6



5-001530-L0

SN831-6N_6



5-001530-L0

SN831-8N_6

input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

Device colours RYGBM _d of maximum (m) C _{AB} for P00, Y _{w,10} =88,6											
Code	X	Y	Z	x	y	z	h _{xy}	i _{dm} , λ _d	i _c , λ _c		
R _{d,RECS}	32.19	17.64	3.01	0.609	0.3338	0.0571	355.6	41 608	16 482		
Y _{d,RECS}	69.08	66.86	6.76	0.484	0.4685	0.0474	43.2	33 569	13 466		
G _{d,RECS}	10.78	19.22	5.9	0.3002	0.5353	0.1644	108.3	25 527	-1 527c		
C _{d,RECS}	18.53	27.26	48.85	0.1958	0.288	0.516	201.3	15 475	36 580		
B _{d,RECS}	6.09	5.02	16.22	0.2228	0.1839	0.5932	230.7	11 458	33 566		
M _{d,RECS}	34.32	18.68	16.09	0.4967	0.2703	0.2328	328.8	-1 490c	18 490		
R _{e,RECS}	32.52	17.88	4.39	0.5934	0.3262	0.0802	353.5	43 615	16 482		
Y _{e,RECS}	64.09	59.87	6.4	0.4916	0.4592	0.0491	39.2	34 571	13 468		
G _{e,RECS}	13.21	23.0	11.27	0.2782	0.4843	0.2374	122.0	21 508	-1 508c		
B _{e,RECS}	10.72	12.2	29.34	0.2051	0.2334	0.5614	217.4	13 469	34 572		

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SN830-1N_7

Device colours RYGBM _d of maximum (m) C _{AB} for P00, Y _{w,10} =88,6											
Code	Y	A	B	C _{AB}	a	b	h _{AB}	i _{dm} , λ _d	i _c , λ _c		
R _{d,RECS}	17.64	14.12	4.52	14.83	1.8244	-0.0684	17.7	42 613	17 485		
Y _{d,RECS}	66.86	0.63	19.02	19.03	1.0332	-0.0404	88.0	33 569	12 463		
G _{d,RECS}	19.22	-8.89	3.88	9.71	0.5608	-0.1228	156.4	23 517	-1 517c		
C _{d,RECS}	27.26	-9.37	-10.67	14.21	0.6799	-0.7166	228.7	15 475	35 577		
B _{d,RECS}	5.02	0.94	-4.85	4.94	1.2115	-1.29	281.0	12 460	33 568		
M _{d,RECS}	18.68	15.19	-0.36	15.19	1.8371	-0.3445	358.6	-1 499c	19 499		
R _{e,RECS}	17.88	14.21	4.05	14.78	1.8187	-0.0983	15.9	45 627	17 485		
Y _{e,RECS}	59.87	2.79	16.89	17.12	1.0704	-0.0427	80.6	34 571	13 467		
G _{e,RECS}	23.0	-10.33	2.96	10.75	0.5744	-0.1961	163.9	19 498	-1 498c		
B _{e,RECS}	12.2	-1.77	-7.77	7.97	0.8786	-0.9618	257.1	13 469	34 572		

5-001630-L0

SN830-3N_7

Device colours RYGBM _d of maximum (m) C _{AB} for P00, Y _{w,10} =88,6											
Code	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c		
R _{d,RECS}	49.07	59.54	45.4	74.88	0.2676	-0.0464	37.3	-1 473c	14 473		
Y _{d,RECS}	85.43	1.34	87.52	87.53	0.2214	-0.039	89.1	34 570	13 465		
G _{d,RECS}	50.96	-52.42	31.94	61.39	0.1806	-0.0565	148.6	24 523	-1 523c		
C _{d,RECS}	59.23	-41.33	-39.1	56.9	0.1926	-0.1017	223.4	14 472	58 694		
B _{d,RECS}	26.84	10.64	-43.03	44.33	0.2335	-0.1237	283.8	12 462	31 558		
M _{d,RECS}	50.32	61.49	-2.24	61.53	0.2683	-0.0796	357.9	-1 492c	18 492		
R _{e,RECS}	49.36	59.45	36.99	70.02	0.2674	-0.0524	31.8	-1 474c	14 474		
Y _{e,RECS}	81.77	6.3	82.79	83.03	0.2241	-0.0397	85.6	34 572	13 466		
G _{e,RECS}	55.08	-53.64	18.98	56.9	0.1821	-0.066	160.5	22 512	-1 512c		
B _{e,RECS}	41.55	-12.31	-43.21	44.93	0.2098	-0.1122	254.0	13 467	36 582		

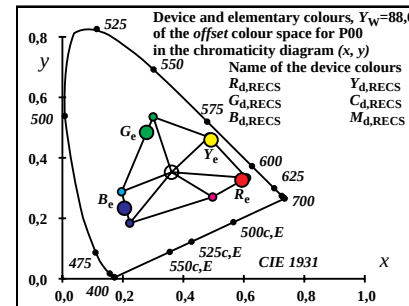
5-001630-L0

SN830-5N_7

Device colours RYGBM _d of maximum (m) C _{AB} for P00, Y _{w,10} =88,6											
CodeD65	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c		
R _{d,RECS}	49.07	61.05	41.21	73.66	0.2677	-0.0464	34.0	-1 474c	14 474		
Y _{d,RECS}	85.43	1.37	79.41	79.42	0.2215	-0.039	89.0	34 570	13 465		
G _{d,RECS}	50.96	-53.76	28.99	61.08	0.1807	-0.0565	151.6	24 520	-1 520c		
C _{d,RECS}	59.23	-42.38	-35.47	55.27	0.1926	-0.1017	219.9	14 473	-1 473c		
B _{d,RECS}	26.84	10.92	-39.05	40.55	0.2335	-0.1237	285.6	12 461	31 557		
M _{d,RECS}	50.32	63.05	-2.03	63.08	0.2683	-0.0796	358.1	-1 491c	18 491		
R _{e,RECS}	49.36	60.96	33.57	69.6	0.2674	-0.0524	28.8	-1 475c	15 475		
Y _{e,RECS}	81.77	6.46	75.12	75.4	0.2241	-0.0397	85.0	34 573	13 466		
G _{e,RECS}	55.08	-55.01	17.22	57.65	0.1821	-0.066	162.6	22 510	-1 510c		
B _{e,RECS}	41.55	-12.62	-39.2	41.19	0.2098	-0.1122	252.1	13 468	36 584		

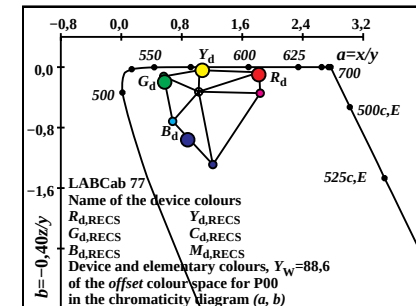
5-001630-L0

SN830-7N_7



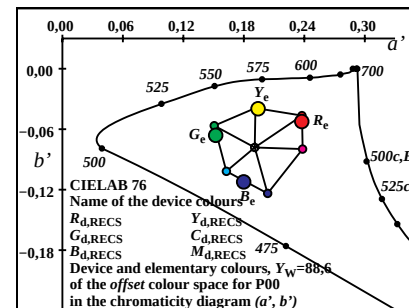
5-001630-L0

SN831-1N_7



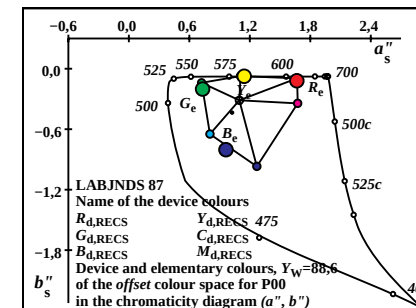
5-001630-L0

SN831-2N_7



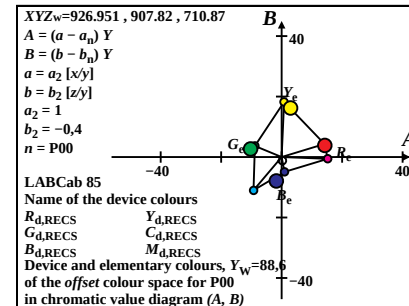
5-001630-L0

SN831-3N_7



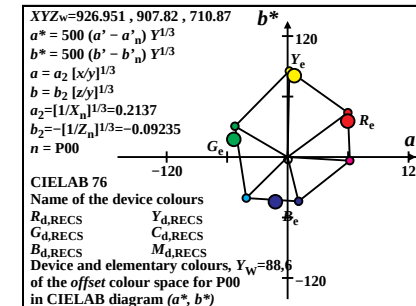
5-001630-L0

SN831-4N_7



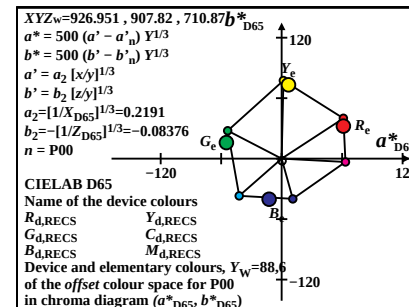
5-001630-L0

SN831-5N_7



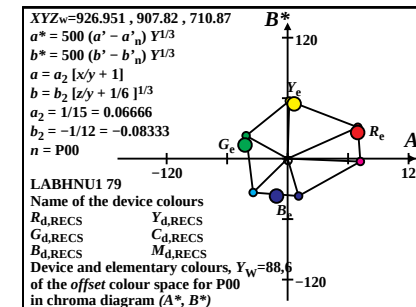
5-001630-L0

SN831-6N_7



5-001630-L0

SN831-7N_7



5-001630-L0

SN831-8N_7

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps

input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

TUB registration: 20130201-SN83/SN83L0NP.PDF /.PS
application for measurement of display output

TUB material: code=rha4ta

Device colours RYGBM_d of maximum (m) C_{AB} for Q00, Y_{w,10}=88,6

Code	X	Y	Z	x	y	z	h _{xy}	i _{dm} , λ _d	i _c , λ _c
R _{d,RECS}	25.84	14.82	4.39	0.5735	0.329	0.0974	2.7	41 607	15 478
Y _{d,RECS}	60.58	64.06	9.38	0.4519	0.4779	0.07	48.4	33 565	12 463
G _{d,RECS}	10.56	20.31	8.23	0.27	0.5193	0.2105	100.8	25 527	-1 527c
C _{d,RECS}	21.8	30.5	70.66	0.1773	0.248	0.5746	207.4	14 473	35 578
B _{d,RECS}	6.96	5.53	23.8	0.1918	0.1525	0.6556	234.4	11 458	32 562
M _{d,RECS}	29.19	16.31	23.76	0.4214	0.2354	0.3431	324.2	-1 488c	17 488
R _{e,RECS}	26.28	15.11	6.43	0.5496	0.3159	0.1344	359.8	43 616	15 479
Y _{e,RECS}	55.83	57.06	8.91	0.4583	0.4684	0.0732	45.4	33 567	13 465
G _{e,RECS}	13.31	24.49	15.98	0.2474	0.4552	0.2972	113.8	22 510	-1 510c
B _{e,RECS}	12.52	13.62	42.76	0.1817	0.1977	0.6205	223.0	13 467	33 568

5-001730-L0

SN830-1N_8

Device colours RYGBM_d of maximum (m) C_{AB} for Q00, Y_{w,10}=88,6

Code	Y	A	B	C _{AB}	a	b	h _{AB}	i _{dm} , λ _d	i _c , λ _c
R _{d,RECS}	14.82	11.36	5.26	12.52	1.7429	-0.1184	24.8	41 605	15 477
Y _{d,RECS}	64.06	-1.97	26.59	26.66	0.9456	-0.0586	94.2	33 566	13 465
G _{d,RECS}	20.31	-9.27	6.32	11.22	0.5199	-0.1621	145.6	26 531	-1 531c
C _{d,RECS}	30.5	-7.98	-13.81	15.95	0.7147	-0.9265	239.9	14 473	35 579
B _{d,RECS}	5.53	1.55	-6.89	7.07	1.2578	-1.7195	282.7	11 456	32 560
M _{d,RECS}	16.31	13.26	-1.78	13.38	1.7897	-0.5828	352.3	-1 484c	16 484
R _{e,RECS}	15.11	11.53	4.58	12.41	1.7395	-0.1701	21.6	42 611	15 478
Y _{e,RECS}	57.06	0.1	23.46	23.46	0.9784	-0.0625	89.7	33 567	13 466
G _{e,RECS}	24.49	-10.6	5.2	11.81	0.5435	-0.2611	153.8	23 519	-1 519c
B _{e,RECS}	13.62	-0.78	-10.65	10.68	0.9191	-1.2554	265.8	13 466	33 567

5-001730-L0

SN830-3N_8

Device colours RYGBM_d of maximum (m) C_{AB} for Q00, Y_{w,10}=88,6

Code	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c
R _{d,RECS}	45.41	56.36	39.13	68.61	0.2636	-0.0558	34.7	-1 473c	14 473
Y _{d,RECS}	84.0	-4.58	86.47	86.59	0.215	-0.0441	93.0	32 564	13 465
G _{d,RECS}	52.19	-55.66	35.29	65.91	0.1761	-0.0619	147.6	23 519	-1 519c
C _{d,RECS}	62.09	-33.23	-33.73	47.35	0.1958	-0.1108	225.4	14 471	-1 471c
B _{d,RECS}	28.23	16.76	-40.89	44.2	0.2364	-0.1361	292.2	12 460	29 549
M _{d,RECS}	47.39	61.11	-7.81	61.61	0.2659	-0.0949	352.7	-1 494c	18 494
R _{e,RECS}	45.8	56.5	30.77	64.34	0.2634	-0.0629	28.5	-1 474c	14 474
Y _{e,RECS}	80.22	0.27	81.39	81.4	0.2174	-0.0451	89.8	33 567	13 465
G _{e,RECS}	56.58	-55.46	22.52	59.86	0.1788	-0.0726	157.9	21 509	-1 509c
B _{e,RECS}	43.7	-5.13	-39.49	39.82	0.2129	-0.1226	262.5	13 466	34 573

5-001730-L0

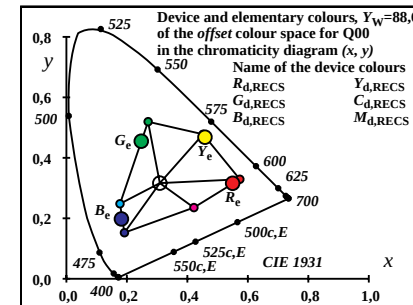
SN830-5N_8

Device colours RYGBM_d of maximum (m) C_{AB} for Q00, Y_{w,10}=88,6

CodeD65	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _{dm} , λ* _d	i _c , λ* _c
R _{d,RECS}	45.41	56.89	40.28	69.7	0.2636	-0.0558	35.2	-1 473c	14 473
Y _{d,RECS}	84.0	-4.63	88.95	89.07	0.215	-0.0441	92.9	32 564	13 465
G _{d,RECS}	52.19	-56.19	36.32	66.9	0.1761	-0.0619	147.1	23 519	-1 519c
C _{d,RECS}	62.09	-33.54	-34.69	48.26	0.1958	-0.1108	225.9	14 471	58 693
B _{d,RECS}	28.23	16.93	-42.08	45.36	0.2364	-0.1361	291.9	12 460	29 549
M _{d,RECS}	47.39	61.69	-8.04	62.21	0.266	-0.0949	352.5	-1 494c	18 494
R _{e,RECS}	45.8	57.03	31.67	65.24	0.2635	-0.0629	29.0	-1 474c	14 474
Y _{e,RECS}	80.22	0.27	83.73	83.73	0.2175	-0.0451	89.8	33 567	13 465
G _{e,RECS}	56.58	-55.99	23.16	60.59	0.1788	-0.0726	157.5	21 509	-1 509c
B _{e,RECS}	43.7	-5.18	-40.62	40.95	0.213	-0.1226	262.7	13 466	34 573

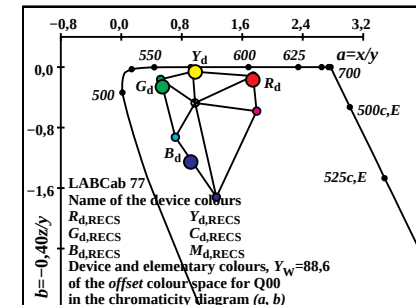
5-001730-L0

SN830-7N_8



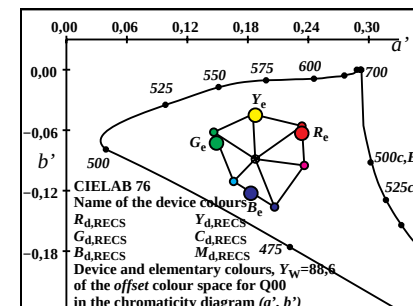
5-001730-L0

SN831-1N_8



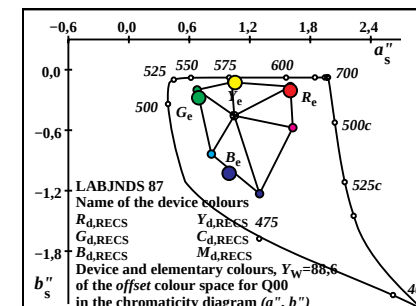
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SN831-2N_8



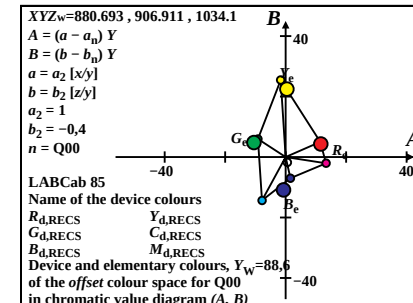
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SN831-3N_8



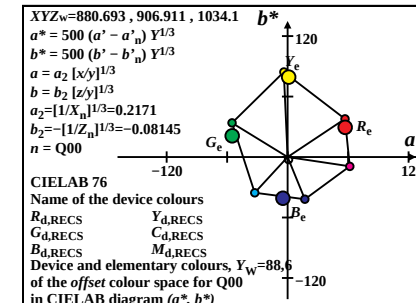
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SN831-4N_8



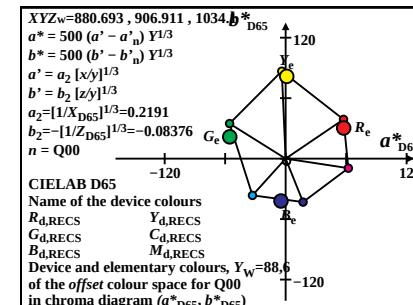
5-001730-L0

SN831-5N_8



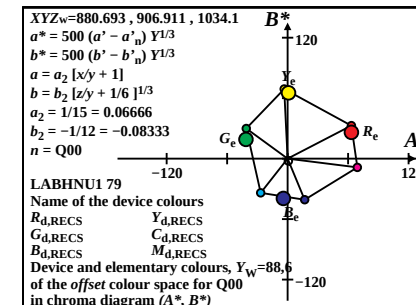
5-001730-L0

SN831-6N_8



5-001730-L0

SN831-7N_8



5-001730-L0

SN831-8N_8

TUB-test chart SN83; Offset print output, use of grid G
YABCh, LabCh* data elementary hue circle and grey steps

input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared