

XTZ_w=95.04, 100.0, 108.89

$$A_2 = 2.5(a_2 - a_{2w}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$$

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

$$x_c = 0.110, B_2 = 0.800$$

$$C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald-Farben (o)

von maximalem (m) C_{AB} im

linearen Farbraum (C_{AB,2}, Y)

Lichtart D65, Y_w=100, Y_c=50

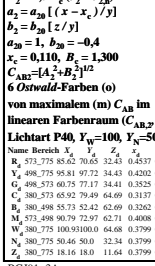
Name	Bereich	x ₁	x ₂	x ₃	x ₄	x ₅	x ₆
R	507.775	60.43	52.49	0.385	0.634	996	401
Y	493.775	88.13	97.18	57.92	0.357	0.402	570
G	493.567	56.3	78.24	57.9	0.2927	0.404	535
C	380.570	65.3	81.11	108.97	0.2537	0.176	489
M	380.495	56.02	62.65	105.47	0.2629	0.262	463
M	380.495	86.35	71.9	105.95	0.2722	0.2725	533
W	380.775	95.04	100.0	108.89	0.3127	0.329	500
N	380.775	47.52	50.0	54.44	0.3127	0.329	50
Z	380.775	17.1	18.0	19.6	0.3127	0.329	188

Parameter:

Y & Name

Lichtart D65

Y_w=100, Y_c=50



XTZ_w=96.42, 100.0, 82.49

$$A_2 = 2.5(a_2 - a_{2w}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$$

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

$$x_c = 0.110, B_2 = 1.000$$

$$C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald-Farben (o)

von maximalem (m) C_{AB} im

linearen Farbraum (C_{AB,2}, Y)

Lichtart D50, Y_w=100, Y_c=50

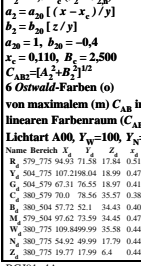
Name	Bereich	x ₁	x ₂	x ₃	x ₄	x ₅	x ₆
R	507.775	60.43	70.17	41.35	0.42	0.506	996
Y	496.775	89.81	97.06	43.6	0.3899	0.4214	573
G	496.570	57.4	77.09	43.41	0.3226	0.4332	538
C	380.570	64.05	80.07	82.51	0.2826	0.1532	491
M	380.495	56.02	62.65	105.47	0.2629	0.2616	463
M	380.495	87.37	73.05	80.43	0.3627	0.3033	538
W	380.775	96.42	100.0	82.49	0.3457	0.3585	100
N	380.775	48.21	50.0	41.24	0.3457	0.3585	50
Z	380.775	17.35	18.0	14.84	0.3457	0.3585	188

Parameter:

Y & Name

Lichtart D50

Y_w=100, Y_c=50



BGJ91-1A

XTZ_w=109.93, 100.0, 64.68

$$A_2 = 2.5(a_2 - a_{2w}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$$

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

$$x_c = 0.110, B_2 = 1.300$$

$$C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald-Farben (o)

von maximalem (m) C_{AB} im

linearen Farbraum (C_{AB,2}, Y)

Lichtart P40, Y_w=100, Y_c=50

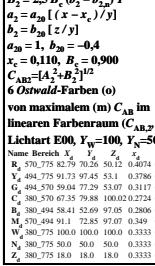
Name	Bereich	x ₁	x ₂	x ₃	x ₄	x ₅	x ₆
R	507.775	70.65	52.43	0.537	0.5743	600	370
Y	498.775	95.81	97.72	34.43	0.4022	0.4286	576
G	498.573	60.75	71.17	34.41	0.3525	0.4477	540
C	380.573	65.92	79.49	64.69	0.3137	0.1783	493
M	380.498	55.2	62.49	109.02	0.2622	0.3608	468
M	380.498	90.79	72.97	62.71	0.4008	0.2222	540
W	380.775	100.9100	64.68	67.99	0.3764	0.500	
N	380.775	50.46	50.0	32.34	0.3764	0.500	
Z	380.775	18.16	18.0	11.64	0.3764	0.500	

Parameter:

Y & Name

Lichtart P40

Y_w=100, Y_c=50



BGJ91-2A

XTZ_w=109.84, 99.99, 35.58

$$A_2 = 2.5(a_2 - a_{2w}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$$

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

$$x_c = 0.110, B_2 = 2.500$$

$$C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald-Farben (o)

von maximalem (m) C_{AB} im

linearen Farbraum (C_{AB,2}, Y)

Lichtart A00, Y_w=100, Y_c=50

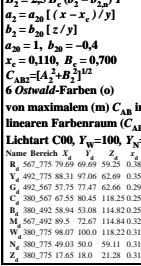
Name	Bereich	x ₁	x ₂	x ₃	x ₄	x ₅	x ₆
R	507.775	64.95	51.08	0.374	0.2916	0.2816	468
Y	498.775	107.2180	18.9	0.4781	0.4371	581	474
G	504.579	67.31	76.55	18.97	0.4133	0.4701	547
C	380.579	70.0	78.56	18.57	0.3801	0.4266	499
M	380.504	57.72	52.1	34.43	0.4001	0.3614	571
M	380.504	97.62	73.59	34.43	0.4746	0.3578	547
W	380.775	109.8499	35.58	0.4475	0.4074	100%	
N	380.775	54.92	49.99	17.79	0.4475	0.4074	50
Z	380.775	19.77	17.99	6.4	0.4475	0.4074	188

Parameter:

Y & Name

Lichtart A00

Y_w=100, Y_c=50



BGJ91-3A

XTZ_w=100.0, 100.0, 100.0

$$A_2 = 2.5(a_2 - a_{2w}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$$

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

$$x_c = 0.110, B_2 = 0.900$$

$$C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald-Farben (o)

von maximalem (m) C_{AB} im

linearen Farbraum (C_{AB,2}, Y)

Lichtart E00, Y_w=100, Y_c=50

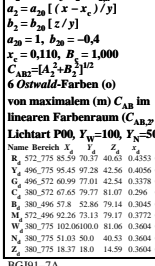
Name	Bereich	x ₁	x ₂	x ₃	x ₄	x ₅	x ₆
R	507.775	91.73	97.45	53.1	0.3786	0.4022	573
Y	494.775	91.73	97.45	53.1	0.3786	0.4022	573
G	494.570	59.04	72.29	53.07	0.3117	0.408	536
C	380.570	67.55	79.88	100.0	0.2724	0.323	489
M	380.498	58.41	52.69	97.05	0.2606	0.2531	463
M	380.498	91.1	72.85	97.07	0.349	0.2794	536
W	380.775	100.0	100.0	100.0	0.3333	0.3333	100
N	380.775	50.0	50.0	50.0	0.3333	0.3333	50
Z	380.775	18.0	18.0	18.0	0.3333	0.3333	188

Parameter:

Y & Name

Lichtart E00

Y_w=100, Y_c=50



BGJ91-4A

XTZ_w=98.07, 100.0, 118.22

$$A_2 = 2.5(a_2 - a_{2w}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$$

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

$$x_c = 0.110, B_2 = 0.700$$

$$C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald-Farben (o)

von maximalem (m) C_{AB} im

linearen Farbraum (C_{AB,2}, Y)

Lichtart C00, Y_w=100, Y_c=50

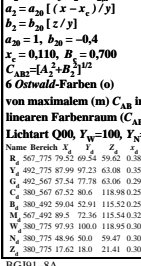
Name	Bereich	x ₁	x ₂	x ₃	x ₄	x ₅	x ₆
R	507.775	70.59	60.69	0.381	0.3811	361	591
Y	492.775	88.31	97.06	62.69	0.3559	0.3912	571
G	492.567	57.75	77.47	62.66	0.2918	0.3914	535
C	380.567	67.55	80.45	118.25	0.2537	0.1821	487
M	380.492	58.94	53.08	114.82	0.2696	0.234	463
M	380.492	98.9	72.67	114.84	0.323	0.2623	535
W	380.775	98.07	100.0	118.22	0.3161	0.3161	100
N	380.775	49.03	50.0	59.11	0.3161	0.3161	50
Z	380.775	17.65	18.0	21.26	0.3161	0.3161	188

Parameter:

Y & Name

Lichtart C00

Y_w=100, Y_c=50



BGJ91-5A

XTZ_w=102.06, 100.0, 81.06

$$A_2 = 2.5(a_2 - a_{2w}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$$

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

$$x_c = 0.110, B_2 = 1.000$$

$$C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald-Farben (o)

von maximalem (m) C_{AB} im

linearen Farbraum (C_{AB,2}, Y)

Lichtart P00, Y_w=100, Y_c=50

Name	Bereich	x ₁	x ₂	x ₃	x ₄	x ₅	x ₆
R	507.775	85.39	70.37	40.63	0.4533	0.579	601
Y	494.775	95.81	97.28	42.56	0.4056	0.4134	573
G	496.572	60.99	77.01	42.54	0.3378	0.4265	541