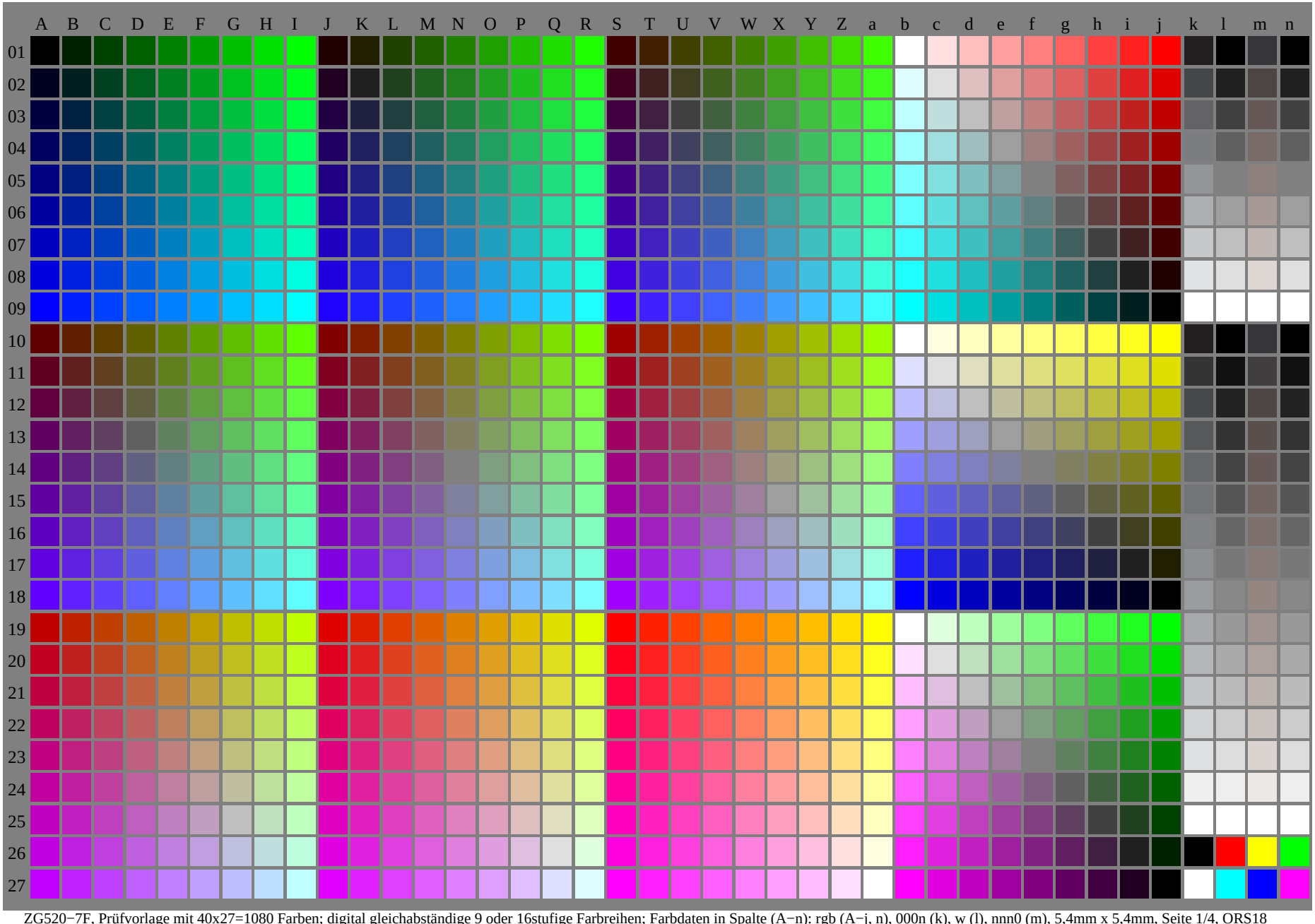
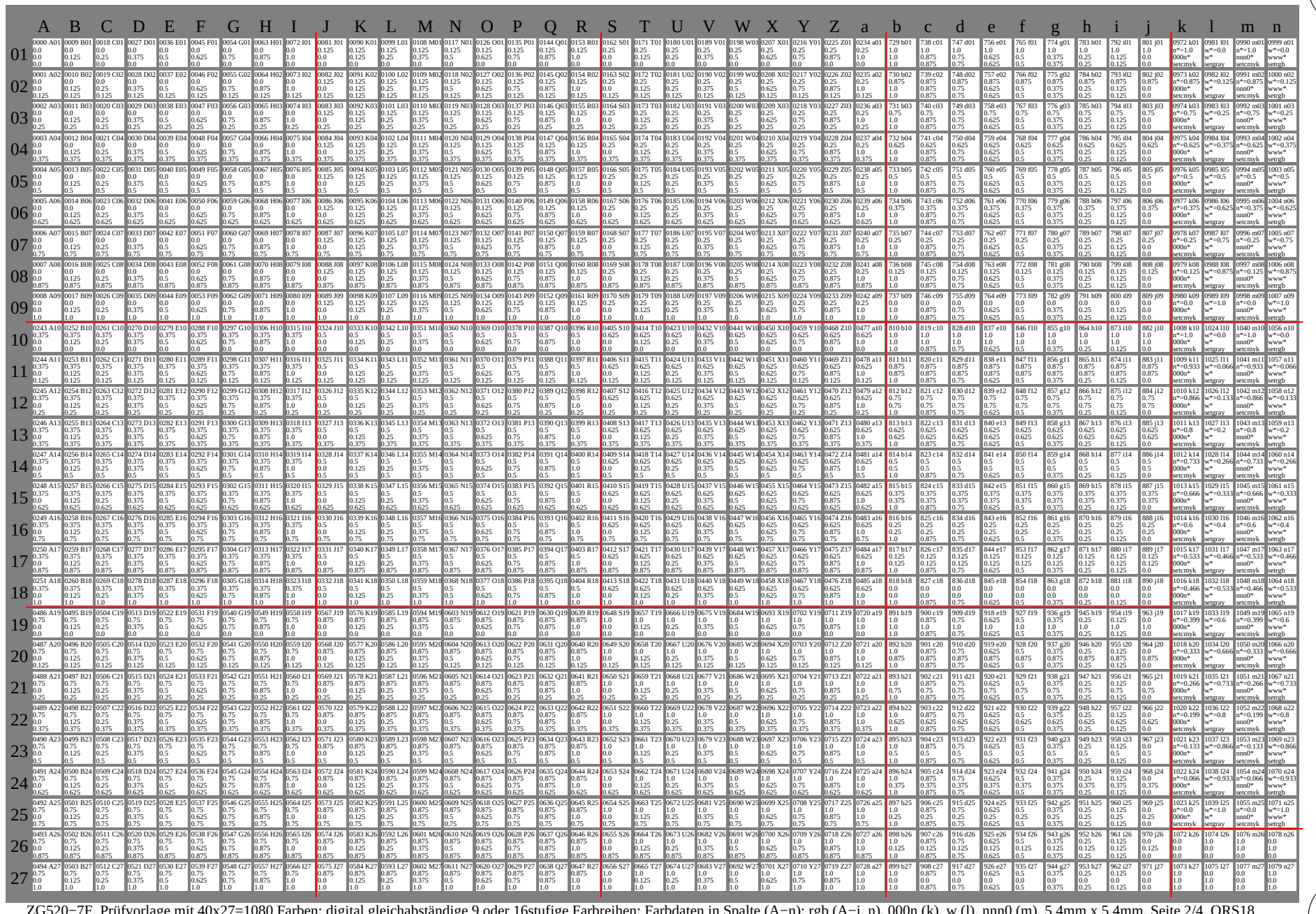


ZG520−7F, Prüfvorlage mit 40x27=1080 Farben; digital gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n): rgb (A−j, n), 000n (k), w (l), nnn0 (m), 5,4mm x 5,4mm, Seite 1/4, ORS18

Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

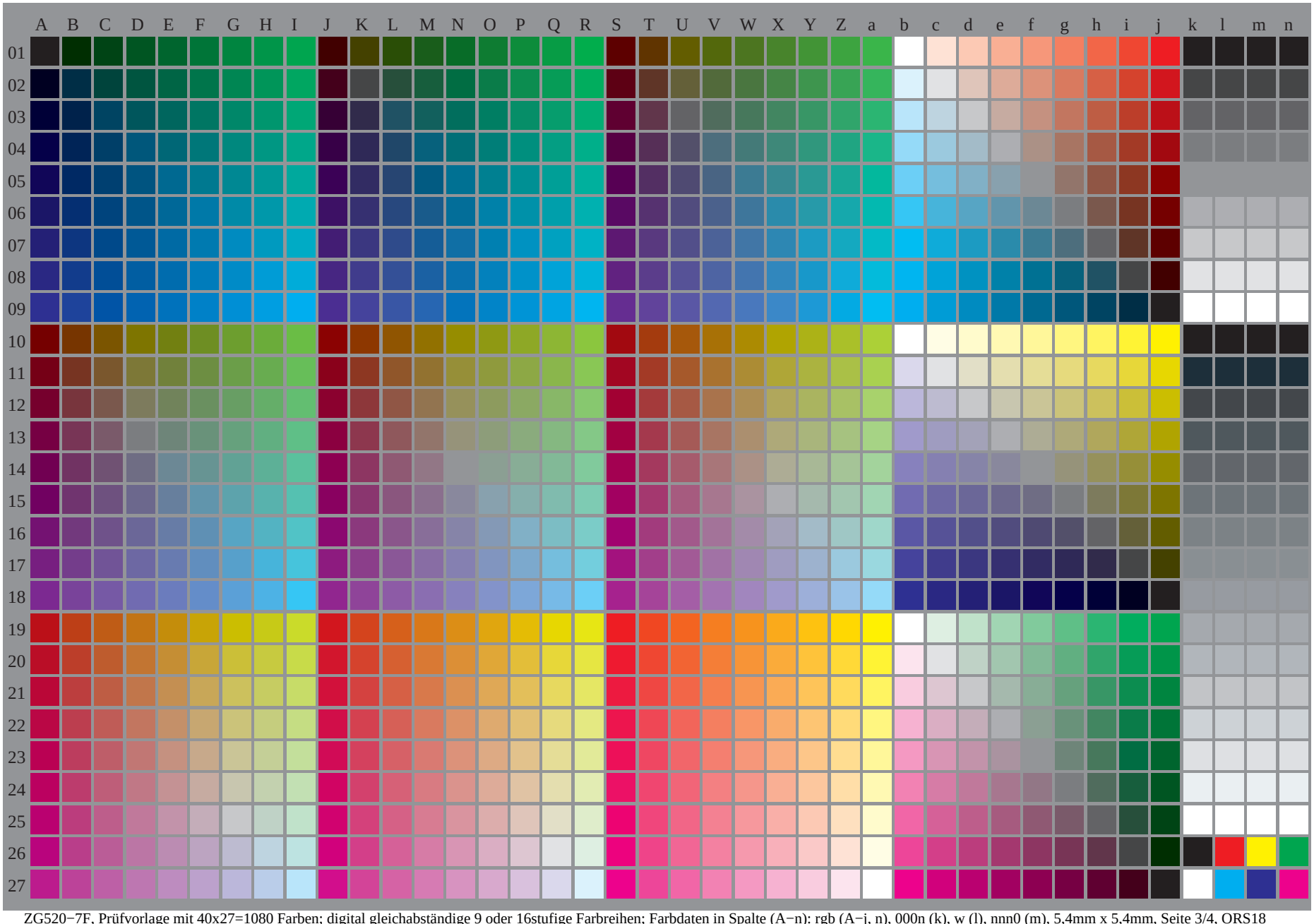
BAM-Registrierung: 20071001-ZG52/10L/L52G00FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 1/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB*Ausgabe: keine Eingabeänderung



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

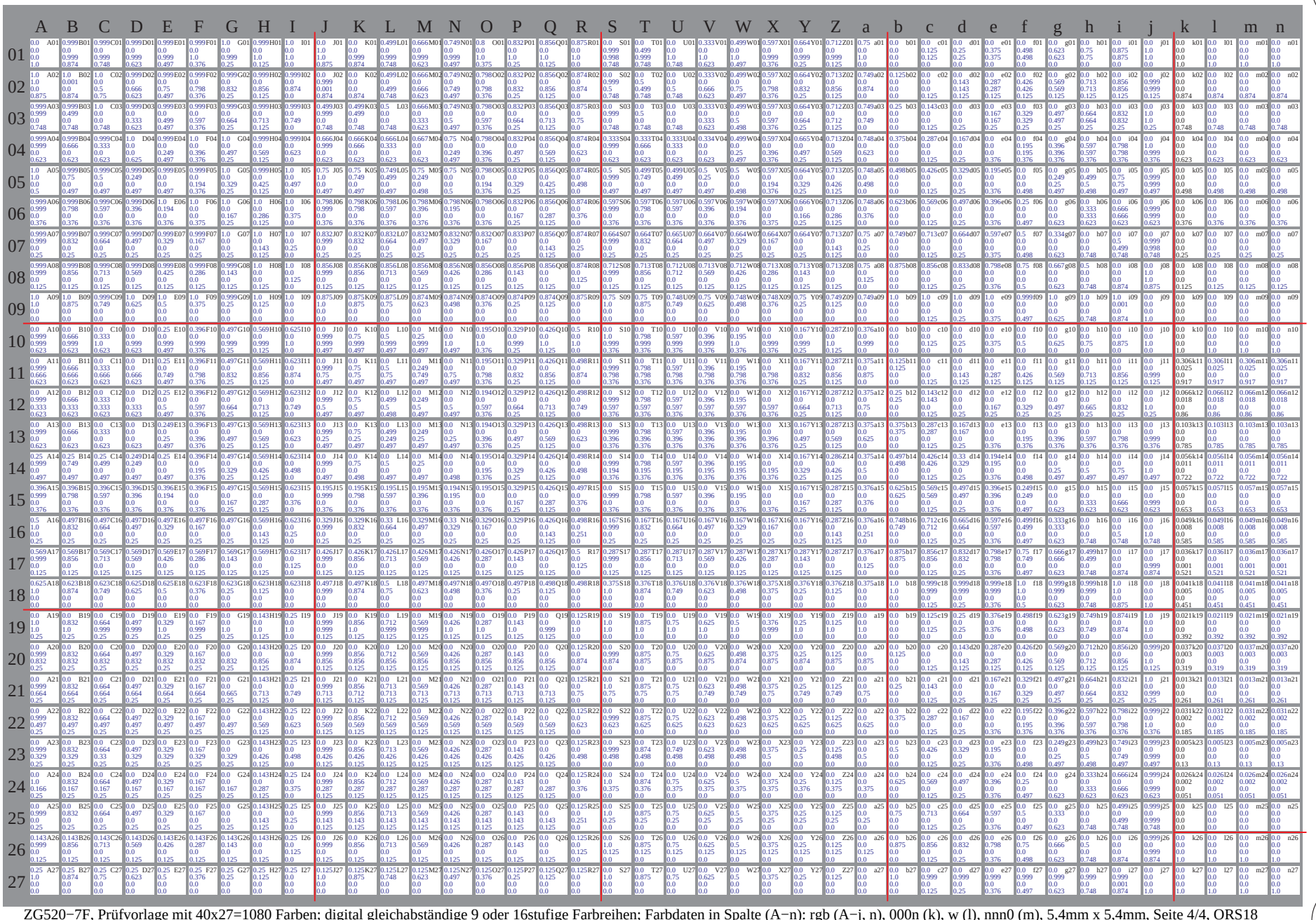
BAM-Registrierung: 20071001-ZG52/10L/L52G00FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen



ZG520−7F, Prüfvorlage mit 40x27=1080 Farben; digital gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n): rgb (A−j, n), 000n (k), w (l), nnn0 (m), 5,4mm x 5,4mm, Seite 3/4, ORS18

Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20071001-ZG52/10L/L52G00FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20071001-ZG52/10L/L52G00FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen

www.ps.bam.de/ZG52/10L/L52G00FP.PS/.PDF, Seite 5/28; ORS18; Linearisierte Ausgabe
F: Linearisierte-AusgabeZG52/10L/L52G00FP.DAT in der Datei (F)

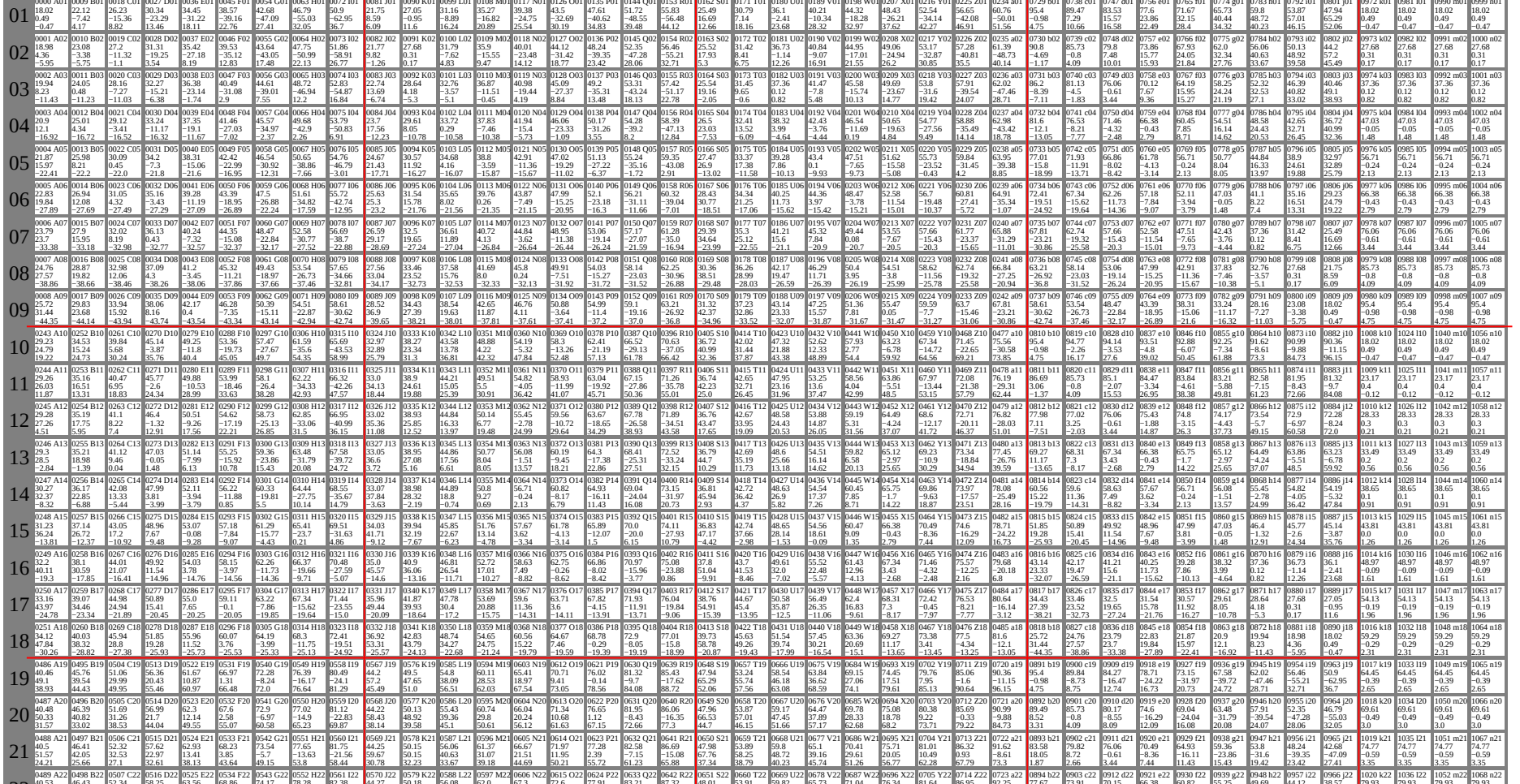
Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de/ Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20071001-ZG52/10L/L52G00FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n
01	0000 A01 18.02 0.49 −0.47	0009 B01 22.12 −7.42 4.17	0018 C01 26.23 −15.36 8.82	0027 D01 30.34 −23.29 13.46	0036 E01 34.45 −31.22 18.11	0045 F01 38.57 −39.16 22.76	0054 G01 42.68 −47.09 27.41	0063 H01 46.79 −55.03 32.05	0072 I01 50.9 −62.95 36.7	0081 J01 21.75 8.59 6.09	0090 K01 27.05 −0.95 11.6	0099 L01 31.16 −8.89 16.24	0108 M01 35.27 −16.82 20.89	0117 N01 39.38 −24.75 25.54	0126 O01 43.5 −32.69 30.19	0135 P01 47.61 −40.62 34.83	0144 Q01 51.72 −48.55 39.48	0153 R01 55.83 −56.48 44.12	0162 S01 25.49 16.69 12.66	0171 T01 30.79 7.14 18.16	0180 U01 36.1 −2.41 23.68	0189 V01 41.4 −10.34 28.32	0198 W01 44.32 −18.28 32.97	0207 X01 48.43 −26.21 37.62	0216 Y01 52.54 −34.14 42.27	0225 Z01 56.65 −42.08 46.91	0234 a01 60.76 −50.01 51.56	0729 b01 95.4 −0.98 4.75	0738 c01 89.47 7.29 10.66	0747 d01 83.53 15.57 16.58	0756 e01 77.6 23.86 22.49	0765 f01 71.67 32.15 28.4	0774 g01 65.73 40.44 34.32	0783 h01 59.8 48.72 40.23	0792 i01 53.87 57.01 46.15	0801 j01 47.94 65.29 52.06	0972 k01 18.02 0.49 −0.47	0981 l01 18.02 0.49 −0.47	0990 m01 18.02 0.49 −0.47	0999 n01 18.02 0.49 −0.47
02	0001 A02 18.98 4.36 −5.95	0010 B02 23.08 −3.38 −5.75	0019 C02 27.2 −11.32 −1.1	0028 D02 31.31 −19.25 3.54	0037 E02 35.42 −27.18 8.19	0046 F02 39.53 −35.12 12.83	0055 G02 43.64 −43.05 17.48	0064 H02 47.75 −50.99 22.13	0073 I02 51.86 −58.91 26.77	0082 J02 21.77 9.82 −1.26	0091 K02 27.68 0.31 0.17	0100 L02 31.79 −7.62 4.83	0109 M02 35.9 −15.55 9.47	0118 N02 40.01 −23.48 14.12	0127 O02 44.12 −31.42 18.77	0136 P02 48.24 −39.35 23.42	0145 Q02 52.35 −47.28 28.06	0154 R02 56.46 −55.21 32.71	0163 S02 25.52 17.93 5.3	0172 T02 31.42 8.41 6.75	0181 U02 36.73 −1.14 12.26	0190 V02 40.84 −9.07 16.91	0199 W02 44.95 −17.01 21.55	0208 X02 49.06 −24.94 26.2	0217 Y02 53.17 −32.87 30.85	0226 Z02 57.28 −40.81 35.5	0235 a02 61.39 −48.73 40.14	0730 b02 90.8 −4.69 −1.17	0739 c02 85.73 −0.8 4.09	0748 d02 79.8 7.48 10.01	0757 e02 73.86 15.77 15.93	0766 f02 67.93 24.05 21.84	0775 g02 62.0 32.34 27.76	0784 h02 56.06 40.63 33.67	0793 i02 50.13 48.92 39.58	0802 j02 44.2 57.2 45.49	0973 k02 27.68 0.31 0.17	0982 l02 27.68 0.31 0.17	0991 m02 27.68 0.31 0.17	1000 n02 27.68 0.31 0.17
03	0002 A03 19.94 8.23 −11.43	0011 B03 24.05 0.48 −11.23	0020 C03 28.16 −7.27 −11.03	0029 D03 32.27 −15.21 −6.38	0038 E03 36.38 −23.14 −1.74	0047 F03 40.49 −31.08 2.9	0056 G03 44.61 −39.01 7.55	0065 H03 48.72 −46.94 12.2	0074 I03 52.83 −54.87 16.84	0083 J03 22.74 13.69 −6.74	0092 K03 28.64 4.18 −5.3	0101 L03 32.76 −3.57 −5.1	0110 M03 36.87 −11.51 −0.45	0119 N03 40.98 −19.44 4.19	0128 O03 45.09 −27.37 8.84	0137 P03 49.2 −35.31 13.48	0146 Q03 53.31 −43.24 18.13	0155 R03 57.42 −51.17 22.78	0164 S03 25.54 19.16 −2.05	0173 T03 31.45 9.65 −0.6	0182 U03 37.36 0.12 0.82	0191 V03 41.47 −7.8 5.48	0200 W03 45.58 −15.74 10.13	0209 X03 49.69 −23.67 14.77	0218 Y03 53.8 −31.6 19.42	0227 Z03 57.91 −39.54 24.07	0236 a03 62.02 −47.46 28.71	0731 b03 86.2 −8.39 −7.11	0740 c03 81.13 −4.5 −1.83	0749 d03 76.06 −0.61 3.44	0758 e03 70.12 7.67 9.36	0767 f03 64.19 15.95 15.27	0776 g03 58.25 24.24 21.19	0785 h03 52.32 32.53 27.1	0794 i03 46.39 40.82 33.02	0803 j03 40.46 49.1 38.93	0974 k03 37.36 0.12 0.82	0983 l03 37.36 0.12 0.82	0992 m03 37.36 0.12 0.82	1001 n03 37.36 0.12 0.82
04	0003 A04 20.9 12.1 −16.92	0012 B04 25.01 4.34 −16.72	0021 C04 29.12 −3.41 −16.52	0030 D04 33.24 −11.17 −16.32	0039 E04 37.35 −19.1 −11.67	0048 F04 41.46 −27.03 −7.02	0057 G04 45.57 −34.97 −2.37	0066 H04 49.68 −42.9 2.26	0075 I04 53.79 −50.83 6.91	0084 J04 23.7 17.56 −12.23	0093 K04 29.61 8.05 −10.78	0102 L04 33.72 0.29 −10.58	0111 M04 37.83 −7.46 −10.38	0120 N04 41.94 −15.4 −5.73	0129 O04 46.06 −23.33 −1.09	0138 P04 50.17 −31.26 3.55	0147 Q04 54.28 −39.2 8.2	0156 R04 58.39 −47.13 12.84	0165 S04 26.5 23.03 −7.53	0174 T04 32.41 13.52 −6.09	0183 U04 38.32 3.99 −4.64	0192 V04 42.43 −3.76 −4.44	0201 W04 46.54 −11.69 0.19	0210 X04 50.65 −19.63 4.84	0219 Y04 54.77 −27.56 9.49	0228 Z04 58.88 −35.49 14.14	0237 a04 62.98 −43.42 18.78	0732 b04 81.6 −12.1 −13.05	0741 c04 76.53 −8.21 −7.77	0750 d04 71.46 −4.32 −2.48	0759 e04 66.38 −0.43 2.79	0768 f04 60.45 7.85 8.71	0777 g04 54.51 16.14 14.62	0786 h04 48.58 24.43 20.53	0795 i04 42.65 32.71 26.45	0804 j04 36.72 40.99 32.36	0975 k04 47.03 −0.05 1.48	0984 l04 47.03 −0.05 1.48	0993 m04 47.03 −0.05 1.48	1002 n04 47.03 −0.05 1.48
05	0004 A05 21.87 15.97 −22.41	0013 B05 25.98 8.21 −22.2	0022 C05 30.09 0.45 −22.0	0031 D05 34.2 −7.3 −21.8	0040 E05 38.31 −15.06 −21.6	0049 F05 42.42 −22.99 −16.95	0058 G05 46.54 −30.92 −12.31	0067 H05 50.65 −38.86 −7.66	0076 I05 54.76 −46.79 −3.01	0085 J05 24.67 21.43 −17.71	0094 K05 30.57 11.92 −16.27	0103 L05 34.68 4.16 −16.07	0112 M05 38.8 −3.59 −15.87	0121 N05 42.91 −11.36 −15.67	0130 O05 47.02 −19.29 −11.02	0139 P05 51.13 −27.22 −6.37	0148 Q05 55.24 −35.16 −1.72	0157 R05 59.35 −43.08 2.91	0166 S05 27.47 26.9 −13.02	0175 T05 33.37 17.38 −11.58	0184 U05 39.28 7.86 −10.13	0193 V05 43.4 0.1 −9.93	0202 W05 47.51 −7.65 −9.73	0211 X05 51.62 −15.58 −5.08	0220 Y05 55.73 −23.52 −0.43	0229 Z05 59.84 −31.45 4.2	0238 a05 63.95 −39.38 8.85	0733 b05 77.01 −15.8 −18.99	0742 c05 71.93 −11.91 −13.71	0751 d05 66.86 −8.02 −8.42	0760 e05 61.78 −4.13 −3.14	0769 f05 56.71 −0.24 2.13	0778 g05 50.77 8.04 8.05	0787 h05 44.84 16.33 13.97	0796 i05 38.9 24.61 19.88	0805 j05 32.97 32.89 25.79	0976 k05 56.71 −0.24 2.13	0985 l05 56.71 −0.24 2.13	0994 m05 56.71 −0.24 2.13	1003 n05 56.71 −0.24 2.13
06	0005 A06 22.83 19.84 −27.89	0014 B06 26.94 12.08 −27.69	0023 C06 31.05 4.32 −27.49	0032 D06 35.16 −3.43 −27.29	0041 E06 39.28 −11.19 −27.09	0050 F06 43.39 −18.95 −26.89	0059 G06 47.5 −26.88 −22.24	0068 H06 51.61 −34.82 −17.59	0077 I06 55.72 −42.74 −12.95	0086 J06 25.63 25.3 −23.2	0095 K06 31.54 15.78 −21.76	0104 L06 35.65 8.02 −21.56	0113 M06 39.76 0.26 −21.35	0122 N06 43.87 −7.49 −21.15	0131 O06 47.99 −15.25 −20.95	0140 P06 52.1 −23.18 −16.3	0149 Q06 56.21 −31.11 −11.66	0158 R06 60.32 −39.04 −7.01	0167 S06 28.43 30.77 −18.51	0176 T06 34.34 21.25 −17.06	0185 U06 40.25 11.73 −15.62	0194 V06 44.36 3.97 −15.42	0203 W06 48.47 −3.78 −15.21	0212 X06 52.58 −11.54 −15.01	0221 Y06 56.7 −19.48 −10.37	0230 Z06 60.81 −27.41 −5.72	0239 a06 64.91 −35.34 −1.07	0734 b06 72.41 −19.51 −24.92	0743 c06 67.34 −15.62 −19.64	0752 d06 62.26 −11.73 −14.36	0761 e06 57.18 −7.84 −9.07	0770 f06 52.11 −3.94 −3.79	0779 g06 47.03 −0.05 1.48	0788 h06 41.1 8.22 7.4	0797 i06 35.16 16.51 13.31	0806 j06 29.23 24.79 19.22	0977 k06 66.38 −0.43 2.79	0986 l06 66.38 −0.43 2.79	0995 m06 66.38 −0.43 2.79	1004 n06 66.38 −0.43 2.79
07	0006 A07 23.79 23.7 −33.38	0015 B07 27.9 15.95 −33.18	0024 C07 32.02 8.19 −32.98	0033 D07 36.13 0.43 −32.77	0042 E07 40.24 −7.32 −32.57	0051 F07 44.35 −15.08 −32.37	0060 G07 48.47 −22.84 −32.17	0069 H07 52.58 −30.77 −27.52	0078 I07 56.69 −38.7 −22.88	0087 J07 26.59 29.17 −28.69	0096 K07 32.5 19.65 −27.24	0105 L07 36.61 11.89 −27.04	0114 M07 40.72 4.13 −26.84	0123 N07 44.84 −3.62 −26.64	0132 O07 48.95 −11.38 −26.44	0141 P07 53.06 −19.14 −26.24	0150 Q07 57.17 −27.07 −21.59	0159 R07 61.28 −35.0 −16.94	0168 S07 29.39 35.3 −23.99	0177 T07 35.3 25.12 −22.55	0186 U07 41.21 15.6 −21.1	0195 V07 45.32 7.84 −20.9	0204 W07 49.44 0.08 −20.7	0213 X07 53.55 −7.67 −20.5	0222 Y07 57.66 −15.43 −20.3	0231 Z07 61.77 −23.37 −15.65	0240 a07 65.88 −31.29 −11.01	0735 b07 67.81 −23.21 −30.86	0744 c07 62.74 −19.32 −25.58	0753 d07 57.66 −15.43 −20.3	0762 e07 52.58 −11.54 −15.01	0771 f07 47.51 −7.65 −9.73	0780 g07 42.43 −3.76 −4.44	0789 h07 37.36 0.12 0.82	0798 i07 31.42 8.41 6.75	0807 j07 25.49 16.69 12.66	0978 k07 76.06 −0.61 3.44	0987 l07 76.06 −0.61 3.44	0996 m07 76.06 −0.61 3.44	1005 n07 76.06 −0.61 3.44
08	0007 A08 24.76 27.57 −38.86	0016 B08 28.87 19.82 −38.66	0025 C08 32.98 12.06 −38.46	0034 D08 37.09 4.3 −38.26	0043 E08 41.2 −3.45 −38.06	0052 F08 45.32 −11.21 −37.86	0061 G08 49.43 −18.97 −37.66	0070 H08 53.54 −26.73 −37.46	0079 I08 57.65 −34.66 −32.81	0088 J08 27.56 33.04 −34.17	0097 K08 33.46 23.52 −32.73	0106 L08 37.58 15.76 −32.53	0115 M08 41.69 8.0 −32.33	0124 N08 45.8 0.24 −32.13	0133 O08 49.91 −7.51 −31.92	0142 P08 54.03 −15.27 −31.72	0151 Q08 58.14 −23.03 −31.52	0160 R08 62.25 −30.96 −26.88	0169 S08 30.36 38.51 −29.48	0178 T08 36.26 28.99 −28.03	0187 U08 42.17 19.47 −26.59	0196 V08 46.29 11.71 −26.39	0205 W08 50.4 3.95 −26.19	0214 X08 54.51 −3.8 −25.99	0223 Y08 58.62 −11.56 −25.78	0232 Z08 62.74 −19.32 −25.58	0241 a08 66.84 −27.25 −20.94	0736 b08 63.21 −26.92 −36.8	0745 c08 58.14 −23.03 −31.52	0754 d08 53.06 −19.14 −26.24	0763 e08 47.99 −15.25 −20.95	0772 f08 42.91 −11.36 −15.67	0781 g08 37.83 −7.46 −10.38	0790 h08 32.76 −3.57 −5.1	0799 i08 27.68 0.31 0.17	0808 j08 21.75 8.59 6.09	0979 k08 85.73 −0.8 4.09	0988 l08 85.73 −0.8 4.09	0997 m08 85.73 −0.8 4.09	1006 n08 85.73 −0.8 4.09
09	0008 A09 25.72 31.44 −44.35	0017 B09 23.68 −44.14	0026 C09 33.94 15.92 −43.94	0035 D09 38.06 8.16 −43.74	0044 E09 42.17 0.4 −43.54	0053 F09 46.28 −7.35 −43.34	0062 G09 50.39 −15.11 −43.14	0071 H09 54.51 −22.87 −42.94	0080 I09 58.61 −30.62 −42.74	0089 J09 28.52 36.9 −39.65	0098 K09 34.43 27.39 −38.21	0107 L09 38.54 19.63 −38.01	0116 M09 42.65 11.87 −37.81	0125 N09 46.76 4.11 −37.61	0134 O09 50.88 −3.64 −37.41	0143 P09 54.99 −11.4 −37.2	0152 Q09 59.1 −19.16 −37.0	0161 R09 63.21 −26.92 −36.8	0170 S09 31.32 42.37 −34.96	0179 T09 37.23 32.86 −33.52	0188 U09 43.14 23.33 −32.07	0197 V09 47.25 15.57 −31.87	0206 W09 51.36 7.81 −31.67	0215 X09 55.47 0.05 −31.47	0224 Y09 59.59 −7.7 −31.27	0233 Z09 63.7 −15.46 −31.06	0242 a09 67.81 −23.21 −30.86	0737 b09 58.61 −30.62 −42.74	0746 c09 53.54 −26.73 −37.46	0755 d09 48.47 −22.84 −32.17	0764 e09 43.39 −18.95 −26.89	0773 f09 38.31 −15.06 −21.6	0782 g09 33.24 −11.17 −16.32	0791 h09 28.16 −7.27 −11.03	0800 i09 23.08 −3.38 −5.75	0809 j09 18.02 0.49 −0.47	0980 k09 95.4 −0.98 4.75	0989 l09 95.4 −0.98 4.75	0998 m09 95.4 −0.98 4.75	1007 n09 95.4 −0.98 4.75
10	0243 A10 29.23 24.79 19.22	0252 B10 34.53 15.24 24.73	0261 C10 39.84 5.68 30.24	0270 D10 45.14 −3.87 35.76	0279 E10 49.25 −11.8 40.4	0288 F10 53.36 −19.73 45.05	0297 G10 57.47 −27.67 49.7	0306 H10 61.59 −35.6 54.35	0315 I10 65.69 −43.53 58.99	0324 J10 32.97 32.89 25.79	0333 K10 38.27 23.34 31.3	0342 L10 43.58 13.78 36.81	0351 M10 48.88 4.22 42.32	0360 N10 54.19 −5.32 47.84	0369 O10 58.3 −13.26 52.48	0378 P10 62.41 −21.19 57.13	0387 Q10 66.52 −29.13 61.78	0396 R10 70.63 −37.05 66.42	0405 S10 36.72 40.99 32.36	0414 T10 42.02 31.44 37.87	0423 U10 47.32 21.88 43.38	0432 V10 52.62 12.33 48.89	0441 W10 57.93 2.77 54.4	0450 X10 63.23 −6.78 59.92	0459 Y10 68.54 −14.72 64.56	0468 Z10 71.45 −22.65 69.21	0477 a10 75.56 −30.58 73.85	0810 b10 95.4 −0.98 4.75	0819 c10 94.77 −2.26 16.17	0828 d10 94.14 −3.53 27.6	0837 e10 93.51 −4.8 39.02	0846 f10 92.88 −6.07 50.45	0855 g10 92.25 −7.34 61.88	0864 h10 91.62 −8.61 73.3	0873 i10 90.99 −9.88 84.73	0882 j10 90.36 −11.15 96.15	1008 k10 18.02 0.49 −0.47	1024 l10 18.02 0.49 −0.47	1040 m10 18.02 0.49 −0.47	1056 n10 18.02 0.49 −0.47
11	0244 A11 29.26 26.03 11.87	0253 B11 35.16 16.51 13.31	0262 C11 40.47 6.95 18.83	0271 D11 45.77 −2.6 24.34	0280 E11 49.88 −10.53 28.99	0289 F11 53.99 −18.46 33.63	0298 G11 58.1 −26.4 38.28	0307 H11 62.22 −34.33 42.93	0316 I11 66.32 −42.26 47.57	0325 J11 33.0 34.13 18.44	0334 K11 38.9 24.61 19.88	0343 L11 44.21 15.05 25.39	0352 M11 49.51 5.5 30.91	0361 N11 54.82 −4.05 36.42	0370 O11 58.93 −11.99 41.07	0379 P11 63.04 −19.92 45.71	0388 Q11 67.15 −27.86 50.36	0397 R11 71.26 −35.78 55.01	0406 S11 36.74 42.23 25.0	0415 T11 42.65 32.71 26.45	0424 U11 47.95 23.16 31.96	0433 V11 53.25 13.6 37.47	0442 W11 58.56 4.04 42.99	0451 X11 63.86 −5.51 48.5	0460 Y11 69.17 −13.44 53.15	0469 Z11 74.48 −21.38 57.79	0478 a11 79.19 −29.31 62.44	0811 b11 86.69 3.06 −1.37	0820 c11 85.73 −0.8 4.09	0829 d11 85.1 −2.07 15.53	0838 e11 84.47 −3.34 26.95	0847 f11 83.84 −4.61 38.38	0856 g11 83.21 −5.88 49.81	0865 h11 82.58 −7.15 61.23	0874 i11 81.95 −8.43 72.66	0883 j11 81.32 −9.7 84.08	1009 k11 23.17 0.4 −0.12	1025 l11 23.17 0.4 −0.12	1041 m11 23.17 0.4 −0.12	1057 n11 23.17 0.4 −0.12
12	0245 A12 29.28 27.26 4.51	0254 B12 35.19 17.75 5.95	0263 C12 41.1 8.22 7.4	0272 D12 46.4 −1.32 12.91	0281 E12 50.51 −9.26 17.56	0290 F12 54.62 −17.19 22.21	0299 G12 58.73 −25.13 26.85	0308 H12 62.85 −33.06 31.5	0317 I12 66.95 −40.99 36.15	0326 J12 33.02 35.36 11.08	0335 K12 38.93 25.85 12.52	0344 L12 44.84 16.33 13.97	0353 M12 50.14 6.77 19.48	0362 N12 55.45 −2.78 24.99	0371 O12 59.56 −10.72 29.64	0380 P12 63.67 −18.65 34.29	0389 Q12 67.78 −26.58 38.93	0398 R12 71.89 −34.51 43.58	0407 S12 36.76 43.47 17.65	0416 T12 42.67 33.95 19.09	0425 U12 48.58 24.43 20.53	0434 V12 53.88 14.87 26.05	0443 W12 59.19 5.31 31.56	0452 X12 64.49 −4.24 37.07	0461 Y12 69.8 −12.17 41.72	0470 Z12 72.71 −20.11 46.37	0479 a12 76.82 −28.03 51.01	0812 b12 77.98 7.11 −7.51	0821 c12 77.02 3.25 −2.03	0830 d12 76.06 −0.61 3.44	0839 e12 75.43 −1.88 14.87	0848 f12 74.8 −3.15 26.3	0857 g12 74.17 −4.43 37.73	0866 h12 73.54 −5.7 49.15	0875 i12 72.9 −6.97 60.58	0884 j12 72.28 −8.24 72.0	1010 k12 28.33 0.3 0.21	1026 l12 28.33 0.3 0.21	1042 m12 28.33 0.3 0.21	1058 n12 28.33 0.3 0.21
13	0246 A13 29.3 28.5 −2.84	0255 B13 35.21 18.98 −1.39	0264 C13 41.12 9.46 0.04	0273 D13 47.03 0.04 1.48	0282 E13 51.14 −7.99 6.13	0291 F13 55.25 −15.92 10.78	0300 G13 59.36 −23.86 15.43	0309 H13 63.48 −31.79 20.08	0318 I13 67.58 −39.72 24.72	0327 J13 33.05 36.6 3.72	0336 K13 38.95 27.08 5.16	0345 L13 44.86 17.56 6.61	0354 M13 50.77 8.04 8.05	0363 N13 56.08 −1.51 13.57	0372 O13 60.19 −9.45 18.21	0381 P13 64.3 −17.38 22.86	0390 Q13 68.41 −25.31 27.51	0399 R13 72.52 −33.24 32.15	0408 S13 36.79 42.69 10.29	0417 T13 42.69 35.19 11.73	0426 U13 48.6 25.66 13.18	0435 V13 54.51 16.14 14.62	0444 W13 59.82 6.58 20.13	0453 X13 65.12 −2.97 25.65	0462 Y13 70.43 −10.9 30.29	0471 Z13 73.34 −18.84 34.94	0480 a13 77.45 −26.76 39.59	0813 b13 69.27 11.17 −13.65	0822 c13 68.31 7.3 −8.17	0831 d13 67.34 3.43 −2.68	0840 e13 66.38 −0.43 2.79	0849 f13 65.75 −1.7 14.22	0858 g13 65.12 −2.97 25.65	0867 h13 64.49 −4.24 37.07	0876 i13 63.86 −5.51 48.5	0885 j13 63.23 −6.78 59.92	1011 k13 33.49 0.2 0.56	1027 l13 33.49 0.2 0.56	1043 m13 33.49 0.2 0.56	1059 n13 33.49 0.2 0.56
14	0247 A14 30.27 32.37 −8.32	0256 B14 36.17 22.85 −6.88	0265 C14 42.08 13.33 −5.44	0274 D14 47.99 3.81 −3.99	0283 E14 52.11 −3.94 −3.79	0292 F14 56.22 −11.88 0.85	0301 G14 60.33 −19.81 5.5	0310 H14 64.44 −27.75 10.14	0319 I14 68.55 −35.67 14.79	0328 J14 33.07 37.84 −3.63	0337 K14 38.98 28.32 −2.19	0346 L14 44.89 18.8 −0.74	0355 M14 50.8 9.27 0.69	0364 N14 56.71 −0.24 2.13	0373 O14 60.62 −8.17 6.79	0382 P14 64.93 −16.11 11.43	0391 Q14 69.04 −24.04 16.08	0400 R14 73.15 −31.97 20.73	0409 S14 36.83 42.74 2.93	0418 T14 42.74 32.24 4.37	0427 U14 48.65 23.74 5.82	0436 V14 54.54 15.25 7.26	0445 W14 60.45 6.77 8.71	0454 X14 66.35 −1.7 14.22	0463 Y14 72.25 −9.63 18.87	0472 Z14 73.97 −17.57 23.51	0481 a14 78.08 −25.51 28.16	0814 b14 60.56 15.22 −19.79	0823 c14 59.6 11.36 −14.31	0832 d14 58.63 7.49 −8.82	0841 e14 57.67 3.62 −3.34	0850 f14 56.71 −0.24 2.13	0859 g14 55.75 −1.51 13.57	0868 h14 54.82 −2.78 24.99	0877 i14 53.86 −4.05 36.42	0886 j14 52.9 −5.32 47.84	1012 k14 18.02 0.91 0.91	1028 l14 38.65 0.1 0.91	1044 m14 38.65 0.1 0.91	1060 n14 38.65 0.1 0.91
15	0248 A15 31.23 36.24 −13.81	0257 B15 37.14 26.72 −12.37	0266 C15 43.05 17.2 −10.92	0275 D15 48.96 7.67 −9.48	0284 E15 53.07 −0.08 −9.28	0293 F15 57.18 −7.84 −9.07	0302 G15 61.29 −15.77 −4.43	0311 H15 65.41 −23.7 0.21	0320 I15 69.51 −31.63 4.86	0329 J15 34.03 41.71 −9.12	0338 K15 39.94 32.19 −7.67	0347 L15 45.85 22.67 −6.23	0356 M15 51.76 13.14 −4.78	0365 N15 57.67 3.62 −3.34	0374 O15 61.78 −4.13 −3.14	0383 P15 65.89 −12.07 1.5	0392 Q15 70.0 −20.0 6.15	0401 R15 74.11 −27.93 10.79	0410 S15 36.83 47.17 −4.42	0419 T15 42.74 36.66 −2.98	0428 U15 48.65 28.14 1.35	0437 V15 54.56 18.61 9.09	0446 W15 60.47 9.09 1.35	0455 X15 66.38 −0.43 2.79	0464 Y15 70.49 −8.36 7.44	0473 Z15 74.6 −16.29 12.09	0482 a15 78.71 −24.22 16.73	0815 b15 51.85 19.28 −25.93	0824 c15 50.89 15.41 −20.45	0833 d15 49.92 11.54 −14.96	0842 e15 48.96 7.67 −9.48	0851 f15 47.99 3.81 −3.99	0860 g15 47.03 −0.05 1.48	0869 h15 46.4 −1.32 12.91	0878 i15 45.77 −2.6 24.34	0887 j15 45.14 −3.87 35.76	1013 k15 43.81 0.0 1.26	1029 l15 43.81 0.0 1.26	1045 m15 43.81 0.0 1.26	1061 n15 43.81 0.0 1.26
16	0249 A16 32.2 40.11 −19.3	0258 B16 38.1 30.59 −17.85	0267 C16 44.01 21.07 −16.41	0276 D16 49.92 11.54 −14.96	0285 E16 54.03 3.78 −14.56	0294 F16 58.15 −3.97 −14.36	0303 G16 62.26 −11.73 −14.36	0312 H16 66.37 −19.66 −9.71	0321 I16 70.48 −27.59 −5.07	0330 J16 35.0 45.57 −14.6	0339 K16 40.9 36.06 −13.16	0348 L16 46.81 26.54 −11.71	0357 M16 52.72 17.01 −10.27	0366 N16 58.63 7.49 −8.82	0375 O16 62.75 −0.26 −8.62	0384 P16 66.86 −8.02 −8.42	0393 Q16 70.97 −15.96 −3.77	0402 R16 75.08 −23.88 0.86	0411 S16 37.8 51.04 −9.91	0420 T16 43.7 41.53 −8.46	0429 U16 49.61 32.0 −7.02	0438 V16 55.52 22.48 −5.57	0447 W16 61.43 12.96 −4.13	0456 X16 67.34 3.43 −2.68	0465 Y16 71.46 −4.32 −2.48	0474 Z16 75.57 −12.25 2.16	0483 a16 79.68 −20.18 6.8	0816 b16 43.14 23.33 −32.07	0825 c16 42.17 19.47 −26.59	0834 d16 41.21 15.6 −21.1	0843 e16 40.25 11.73 −15.62	0852 f16 39.28 7.86 −10.13	0861 g16 38.32 3.99 −4.64	0870 h16 37.36 0.12 0.82	0879 i16 36.73 −1.14 12.26	0888 j16 36.1 −2.41 23.68	1014 k16 48.97 −0.09 1.61	1030 l16 48.97 −0.09 1.61	1046 m16 48.97 −0.09 1.61	1062 n16 48.97 −0.09 1.61
17	0250 A17 33.16 43.97 −24.78	0259 B17 39.07 34.46 −23.34	0268 C17 44.98 24.94 −21.89	0277 D17 50.89 15.41 −20.45	0286 E17 55.0 7.65 −20.05	0295 F17 59.11 −0.1 −19.85	0304 G17 63.22 −7.86 −19.65	0313 H17 67.34 −15.62 −19.64	0322 I17 71.44 −23.55 −15.0	0331 J17 35.96 49.44 −20.09	0340 K17 41.87 39.93 −18.64	0349 L17 47.78 30.4 −17.2	0358 M17 53.69 20.88 −15.75	0367 N17 59.6 11.36 −14.31	0376 O17 63.71 3.6 −14.11	0385 P17 67.82 −4.15 −13.91	0394 Q17 71.93 −11.91 −13.71	0403 R17 76.04 −19.84 −9.06	0412 S17 38.76 54.91 −15.39	0421 T17 44.67 45.4 −13.95	0430 U17 50.58 35.87 −12.5	0439 V17 56.49 26.35 −11.06	0448 W17 62.4 16.83 −9.61	0457 X17 68.31 7.3 −8.17	0466 Y17 74.27 −0.45 −7.97	0475 Z17 76.53 −8.21 −7.77	0484 a17 80.64 −16.14 −3.12	0817 b17 34.43 27.39 −38.21	0826 c17 33.46 23.52 −32.73	0835 d17 32.5 19.65 −27.24	0844 e17 31.54 15.78 −21.76	0853 f17 30.57 11.92 −16.27	0862 g17 29.61 8.05 −10.78	0871 h17 28.64 4.18 −5.3	0880 i17 27.68 0.31 0.17	0889 j17 27.05 −0.95 11.6	1015 k17 54.13 −0.19 1.96	1031 l17 54.13 −0.19 1.96	1047 m17 54.13 −0.19 1.96	1063 n17 54.13 −0.19 1.96
18	0251 A18 34.12 47.84 −30.26	0260 B18 40.03 38.32 −28.82	0269 C18 45.94 28.8 −27.38	0278 D18 51.85 19.28 −25.93	0287 E18 55.96 11.52 −25.73	0296 F18 60.07 3.76 −25.53	0305 G18 64.19 −3.99 −25.33	0314 H18 68.3 −11.75 −25.13	0323 I18 72.41 −19.51 −24.92	0332 J18 36.92 53.31 −25.57	0341 K18 42.83 43.79 −24.13	0350 L18 48.74 34.27 −22.68	0359 M18 54.65 24.75 −21.24	0368 N18 60.56 15.22 −19.79	0377 O18 64.67 7.46 −19.59	0386 P18 68.78 −0.29 −19.39	0395 Q18 72.9 −8.05 −19.19	0404 R18 77.01 −15.8 −18.99	0413 S18 39.73 58.78 −20.87	0422 T18 45.63 49.26 −19.43	0431 U18 51.54 39.74 −17.99	0440 V18 57.45 30.21 −16.54	0449 W18 63.36 20.69 −15.1	0458 X18 69.27 11.17 −13.65	0467 Y18 73.38 3.41 −13.45	0476 Z18 77.5 −4.34 −13.25	0485 a18 81.6 −12.1 −13.05	0818 b18 25.72 31.44 −44.35	0827 c18 24.76 27.57 −38.86	0836 d18 23.79 23.7 −33.38	0845 e18 22.83 19.84 −27.89	0854 f18 21.87 15.97 −22.41	0863 g18 20.9 12.1 −16.92	0872 h18 19.94 8.23 −11.43	0881 i18 18.98 4.36 −5.95	0890 j18 18.02 0.49 −0.47	1016 k18 59.29 −0.29 2.31	1032 l18 59.29 −0.29 2.31	1048 m18 59.29 −0.29 2.31	1064 n18 59.29 −0.29 2.31
19	0486 A19 40.46 49.1 38.93	0495 B19 45.76 39.54 44.43	0504 C19 51.06 29.99 49.95	0513 D19 56.36 20.43 55.46	0522 E19 61.67 10.87 60.97	0531 F19 66.98 1.31 66.48	0540 G19 72.28 −8.24 72.0	0549 H19 76.39 −16.17 76.64	0558 I19 80.49 −24.1 81.29	0567 J19 44.2 57.2 45.49	0576 K19 49.5 47.65 51.0	0585 L19 54.8 38.09 56.51	0594 M19 60.11 28.53 62.03	0603 N19 65.41 18.97 67.54	0612 O19 70.71 9.41 73.05	0621 P19 76.02 −0.14 78.56	0630 Q19 81.32 −9.7 84.08	0639 R19 85.43 −17.62 88.72	0648 S19 47.94 65.29 52.06	0657 T19 53.24 55.74 57.56	0666 U19 58.54 46.18 63.08	0675 V19 63.84 36.62 68.59	0684 W19 69.15 27.06 74.1	0693 X19 74.45 17.51 79.61	0702 Y19 79.76 7.95 85.13	0711 Z19 85.06 −1.6 90.64	0720 a19 90.36 −11.15 96.15	0891 b19 95.4 −0.98 4.75	0900 c19 89.84 −8.73 12.74	0909 d19 84.27 −16.47 21.74	0918 e19 78.71 −24.22 16.73	0927 f19 73.15 −31.97 20.73	0936 g19 67.58 −39.72 24.72	0945 h19 62.02 −47.46 28.71	0954 i19 56.46 −55.21 32.71	0963 j19 50.9 −62.95 36.7	1017 k19 64.45 −0.39 2.65	1033 l19 64.45 −0.39 2.65	1049 m19 64.45 −0.39 2.65	1065 n19 64.45 −0.39 2.65
20	0487 A20 40.48 50.33 31.57	0496 B20 46.39 40.82 33.02	0505 C20 51.69 31.26 38.53	0514 D20 56.99 21.7 44.04	0523 E20 62.3 12.14 49.55	0532 F20 67.6 2.58 55.07	0541 G20 72.9 −6.97 60.58	0550 H20 77.02 −14.9 65.23	0559 I20 81.12 −22.83 69.87	0568 J20 58.43 48.92 38.14	0577 K20 49.72 39.58 39.58	0586 L20 60.13 30.36 45.1	0595 M20 60.74 29.8 50.61	0604 N20 66.04 20.24 56.12	0613 O20 71.34 10.68 61.63	0622 P20 76.65 1.12 67.15	0631 Q20 81.95 −8.43 72.66	0640 R20 86.06 −16.35 77.3	0649 S20 47.96 66.53 44.7	0658 T20 53.87 57.01 46.15	0667 U20 59.17 47.45 51.66	0676 V20 64.47 37.89 57.17	0685 W20 69.78 28.33 62.68	0694 X20 75.08 18.78 68.2	0703 Y20 80.38 9.22 73.71	0712 Z20 85.69 −0.33 79.22	0721 a20 90.99 −9.88 84.73	0892 b20 89.49 8.52 3.31	0901 c20 85.73 −0.8 4.09	0910 d20 80.17 −8.55 8.09	0919 e20 74.6 −16.29 12.09	0928 f20 69.04 −24.04 16.08	0937 g20 63.48 −31.79 20.08	0946 h20 57.91 −39.54 24.07	0955 i20 52.35 −47.28 28.06	0964 j20 46.79 −55.03 32.05	1018 k20 69.61 −0.49 3.0	1034 l20 69.61 −0.49 3.0	1050 m20 69.61 −0.49 3.0	1066 n20 69.61 −0.49 3.0
21	0488 A21 40.5 51.57 24.21	0497 B21 46.41 42.05 25.66	0506 C21 52.32 32.53 27.1	0515 D21 57.62 22.97 32.61	0524 E21 62.93 13.41 38.13	0533 F21 68.23 3.85 43.64	0542 G21 73.54 −5.7 49.15	0551 H21 77.65 −13.63 53.8	0560 I21 81.75 −21.56 58.44	0569 J21 44.25 59.67 30.78	0578 K21 50.15 50.15 32.23	0587 L21 56.06 40.63 33.67	0596 M21 61.37 31.07 39.18	0605 N21 66.67 21.51 44.69	0614 O21 71.97 11.95 50.21	0623 P21 77.28 2.39 55.72	0632 Q21 82.58 −7.15 61.23	0641 R21 86.69 −15.08 65.88	0650 S21 47.98 67.76 37.34	0659 T21 53.89 58.25 38.79	0668 U21 59.8 48.72 40.23	0677 V21 65.1 39.16 45.74	0686 W21 70.41 29.61 51.26	0695 X21 75.71 20.05 56.77	0704 Y21 81.01 10.49 62.28	0713 Z21 86.32 0.93 67.79	0722 a21 91.62 −8.61 73.3	0893 b21 83.58 18.05 1.87	0902 c21 79.82 8.72 2.66	0911 d21 76.06 −0.61 3.44	0920 e21 72.3 −8.36 7.44	0929 f21 68.53 −16.1 11.43	0938 g21 64.93 −23.86 15.43	0947 h21 59.36 −31.6 19.42	0956 i21 53.8 −39.35 23.42	0965 j21 48.24 −47.09 27.41	1019 k21 74.77 −0.59 3.35	1035 l21 74.77 −0.59 3.35	1051 m21 74.77 −0.59 3.35	1067 n21 74.77 −0.59 3.35
22	0489 A22 40.53 52.8 16.85	0498 B22 46.43 43.29 18.3	0507 C22 52.34 33.76 19.74	0516 D22 58.25 24.24 21.19	0525 E22 63.56 14.68 26.7	0534 F22 68.86 5.12 32.21	0543 G22 74.17 −4.43 37.73	0552 H22 78.28 −12.36 42.37	0561 I22 82.38 −20.29 47.02	0570 J22 44.27 60.9 23.42	0579 K22 50.18 51.39 24.87	0588 L22 56.08 41.87 26.31	0597 M22 62.0 32.34 27.76	0606 N22 67.3 22.78 33.27	0615 O22 72.6 13.22 38.78	0624 P22 77.91 3.67 44.29	0633 Q22 83.21 −5.88 49.81	0642 R22 87.32 −13.81 54.45	0651 S22 48.01 69.0 29.98	0660 T22 53.91 59.48 31.43	0669 U22 59.82 49.96 32.87	0678 V22 65.73 40.44 34.32	0687 W22 71.04 30.88 39.83	0696 X22 76.34 21.32 45.34	0705 Y22 81.64 11.76 50.86	0714 Z22 86.95 2.2 56.37	0723 a22 92.25 −7.34 61.88	0894 b22 77.67 27.57 0.42	0903 c22 73.91 18.24 1.21	0912 d22 70.15 8.9 2.0	0921 e22 66.38 −0.43 2.79	0930 f22 60.82 −8.17 6.79	0939 g22 55.25 −15.92 10.78	0948 h22 49.69 −23.67 14.77	0957 i22 44.12 −31.42 18.77	0966 j22 38.57 −39.16 22.76	1020 k22 79.93 0.3 3.7	1036 l22 79.93 0.3 3.7	1052 m22 79.93 0.3 3.7	1068 n22 79.93 0.3 3.7
23	0490 A23 40.55 54.04 9.5	0499 B23 46.46 44.52 10.94	0508 C23 52.37 35.0 12.38	0517 D23 58.28 25.48 13.83	0526 E23 64.19 15.95 15.27	0535 F23 69.49 6.39 20.79	0544 G23 74.8 −3.15 26.3	0553 H23 78.91 −11.09 30.95	0562 I23 83.01 −19.02 35.59	0571 J23 44.29 62.14 16.06	0580 K23 50.2 52.62 17.51	0589 L23 56.11 43.1 18.95	0598 M23 62.02 33.58 20.4	0607 N23 67.93 24.05 21.84	0616 O23 73.23 14.52 27.35	0625 P23 78.54 4.94 32.87	0634 Q23 83.84 −4.61 38.38	0643 R23 87.95 −12.54 43.02	0652 S23 48.03 70.24 22.63	0661 T23 53.94 60.72 24.07	0670 U23 59.85 51.2 25.51	0679 V23 65.76 41.67 26.96	0688 W23 71.67 32.15 28.4	0697 X23 76.97 22.63 33.92	0706 Y23 82.27 13.03 39.43	0715 Z23 87.58 3.42 44.94	0724 a23 92.88 −6.07 50.45	0895 b23 71.76 37.09 −1.01	0904 c23 68.0 27.76 −0.22	0913 d23 64.24 18.43 0.56	0922 e23 60.47 9.09 1.35	0931 f23 56.71 −0.24 2.13	0940 g23 51.14 −7.99 6.13	0949 h23 45.58 −15.74 10.13	0958 i23 40.01 −23.48 14.12	0967 j23 34.45 −31.22 18.11	1021 k23 85.09 −0.79 4.05	1037 l23 85.09 −0.79 4.05	1053 m23 85.09 −0.79 4.05	1069 n23 85.09 −0.79 4.05
24	0491 A24 40.58 55.28 2.14	0500 B24 46.48 45.76 3.58	0509 C24 52.39 36.24 5.03	0518 D24 58.3 26.71 6.47	0527 E24 64.21 17.19 7.92	0536 F24 70.12 7.67 9.36	0545 G24 75.43 −1.88 14.87	0554 H24 79.54 −9.82 19.52	0563 I24 83.64 −17.74 24.17	0572 J24 44.32 63.38 8.7	0581 K24 50.22 53.86 10.15	0590 L24 56.13 44.34 11.59	0599 M24 62.04 34.81 13.04	0608 N24 67.95 25.29 14.48	0617 O24 73.86 15.77 15.93	0626 P24 79.17 6.21 21.44	0635 Q24 84.47 −3.34 26.95	0644 R24 88.58 −11.27 31.6	0653 S24 48.06 71.47 15.27	0662 T24 53.96 61.96 16.71	0671 U24 59.87 52.43 18.16	0680 V24 65.78 42.91 19.6	0689 W24 71.69 33.38 21.05	0698 X24 77.6 23.86 22.49	0707 Y24 82.9 14.3 28.0	0716 Z24 88.21 4.74 33.52	0725 a24 93.51 −4.8 39.02	0896 b24 65.85 46.62 −2.46	0905 c24 62.09 37.29 −1.67	0914 d24 58.33 27.95 −0.88	0923 e24 54.56 18.61 −0.09	0932 f24 50.8 9.27 0.69	0941 g24 47.03 −0.05 1.48	0950 h24 41.47 −7.8 5.48	0959 i24 35.9 −15.55 9.47	0968 j24 30.34 −23.29 13.46	1022 k24 90.25 −0.89 4.4	1038 l24 90.25 −0.89 4.4	1054 m24 90.25 −0.89 4.4	1070 n24 90.25 −0.89 4.4
25	0492 A25 40.6 56.51 −5.21	0501 B25 46.51 47.0 −3.77	0510 C25 52.42 37.47 −2.32	0519 D25 58.33 27.95 −0.88	0528 E25 64.24 18.43 0.56	0537 F25 70.15 8.9 2.0	0546 G25 76.06 −0.61 3.44	0555 H25 80.17 −8.55 8.09	0564 I25 84.27 −16.47 12.74	0573 J25 44.34 64.61 1.35	0582 K25 50.25 55.1 2.79	0591 L25 56.16 45.57 4.23	0600 M25 62.07 36.05 5.68	0609 N25 67.98 26.53 7.12	0618 O25 73.89 17.0 8.57	0627 P25 79.8 7.48 10.01	0636 Q25 85.1 −2.07 15.53	0645 R25 89.21 −10.0 20.17	0654 S25 48.08 72.71 7.91	0663 T25 53.98 63.19 9.35	0672 U25 59.89 53.67 10.8	0681 V25 65.8 44.14 12.24	0690 W25 71.71 34.62 13.69	0699 X25 77.62 25.1 15.13	0708 Y25 83.53 15.57 16.58	0717 Z25 88.84 6.01 22.09	0726 a25 94.14 −3.53 27.6	0897 b25 59.94 56.14 −3.9	0906 c25 56.18 46.81 −3.11	0915 d25 52.42 37.47 −2.32	0924 e25 48.65 28.14 −1.53	0933 f25 44.89 18.8 −0.74	0942 g25 41.12 9.46 0.04	0951 h25 37.36 0.12 0.82	0960 i25 31.79 −7.62 4.83	0969 j25 26.23 −15.36 8.82	1023 k25 95.4 −0.98 4.75	1039 l25 95.4 −0.98 4.75	1055 m25 95.4 −0.98 4.75	1071 n25 95.4 −0.98 4.75
26	0493 A26 41.56 60.38 −10.7	0502 B26 47.47 50.86 −9.25	0511 C26 53.38 41.34 −7.81	0520 D26 59.29 31.82 −6.36	0529 E26 65.2 22.29 −4.92	0538 F26 71.11 12.77 −3.47	0547 G26 77.02 3.25 −2.03	0556 H26 81.13 −4.5 −1.83	0565 I26 85.24 −12.43 2.81	0574 J26 44.36 65.85 −6.0	0583 K26 50.27 56.33 −4.56	0592 L26 56.18 46.81 −3.11	0601 M26 62.09 37.29 −1.67	0610 N26 68.0 27.76 −0.22	0619 O26 73.91 18.24 1.21	0628 P26 79.82 8.72 2.66	0637 Q26 85.73 −0.8 4.09	0646 R26 89.84 −8.73 8.75	0655 S26 48.1 73.94 0.55	0664 T26 54.01 64.43 1.99	0673 U26 59.92 54.9 3.44	0682 V26 65.83 45.38 4.88	0691 W26 71.74 35.86 6.33	0700 X26 77.65 26.33 7.77	0709 Y26 83.56 16.81 9.22	0718 Z26 89.47 7.29 10.66	0727 a26 94.77 −2.26 16.17	0898 b26 54.03 65.66 −5.35	0907 c26 50.27 56.33 −4.56	0916 d26 46.51 47.0 −3.77	0925 e26 42.74 37.66 −2.98	0934 f26 38.98 28.32 −2.19	0943 g26 35.21 18.98 −1.39	0952 h26 31.45 9.65 −0.6	0961 i26 27.68 0.31 0.17	0970 j26 22.12 −7.42 4.17	1024 k26 18.02 0.49 −0.47	1040 l26 47.94 65.29 22.57	1056 m26 90.36 −11.15 96.15	1078 n26 50.9 −62.95 36.7
27	0494 A27 42.53 64.25 −16.18	0503 B27 48.43 54.73 −14.74	0512 C27 54.34 45.21 −13.29	0521 D27 60.25 35.68 −11.85	0530 E27 66.16 26.16 −10.4	0539 F27 72.07 16.64 −8.96	0548 G27 77.98 7.11 −7.51	0557 H27 82.09 −0.64 −7.31	0566 I27 86.2 −8.39 −7.11	0575 J27 45.33 69.72 −11.48	0584 K27 51.23 60.2 −10.04	0593 L27 57.14 50.68 −8.6	0602 M27 63.05 41.15 −7.15	0611 N27 68.96 31.63 −5.71	0620 O27 74.87 22.1 −4.26	0629 P27 80.78 12.58 −2.82	0638 Q27 86.69 3.06 −1.37	0647 R27 90.8 −4.69 −1.17	0656 S27 48.13 75.18 −6.79	0665 T27 54.03 65.66 −5.35	0674 U27 59.94 56.14 −3.9	0683 V27 65.85 46.62 −2.46	0692 W27 71.76 37.09 −1.01	0701 X27 77.67 27.57 0.42	0710 Y27 83.58 18.05 1.87	0719 Z27 89.49 8.52 3.31	0728 a27 95.4 −0.98 4.75	0899 b27 48.13 75.18 −6.79	0908 c27 44.36 65.85 −6.0	0917 d27 40.6 56.51 −5.21	0926 e27 36.83 47.17 −4.42	0935 f27 33.07 37.84 −3.63	0944 g27 29.3 28.5 −2.84	0953 h27 25.54 19.16 −2.05	0962 i27 21.77 9.82 −1.26	0971 j27 18.02 0.49 −0.47	1025 k27 95.4 −0.98 4.75	1041 l27 58.61 −30.62 31.44	1057 m27 25.72 −44.35	1073 n27 48.13 75.18 −6.79

ZG520−7F, Prüfvorlage mit 40x27=1080 Farben; digital gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n): rgb (A−j, n), 000n (k), w (l), nnn0 (m), 5,4mm x 5,4mm, Seite 5/4, ORS18

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 5/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB** Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*

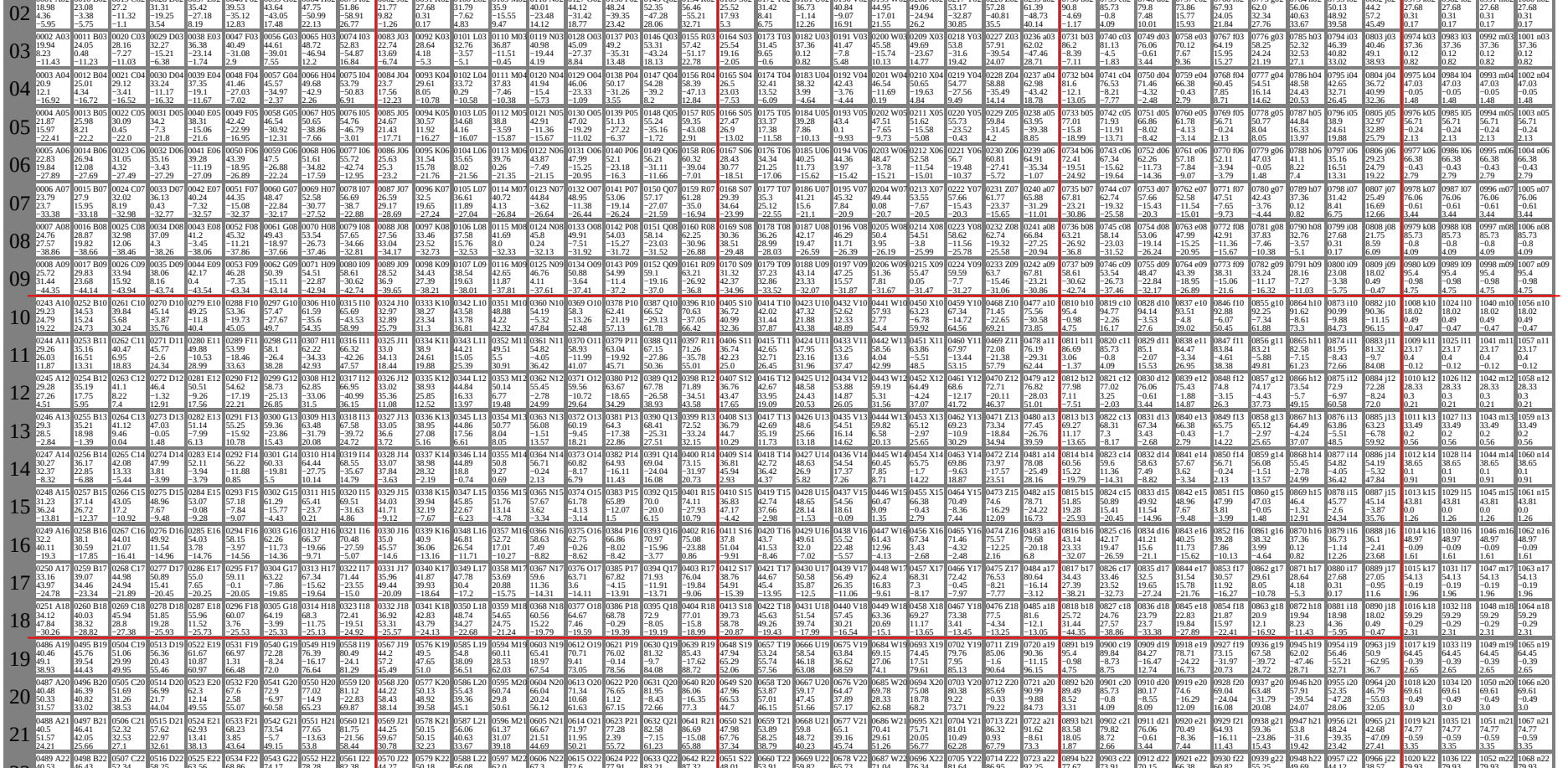


Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registerung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
Anwendung für Bauteilprüfung von Drucker− oder Monitorsystemen

BAM-Prüfvorlage ZG52; Farbmetrik-Seite, Seite 6/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB* Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*

BAM-Material: Code=rha4ta

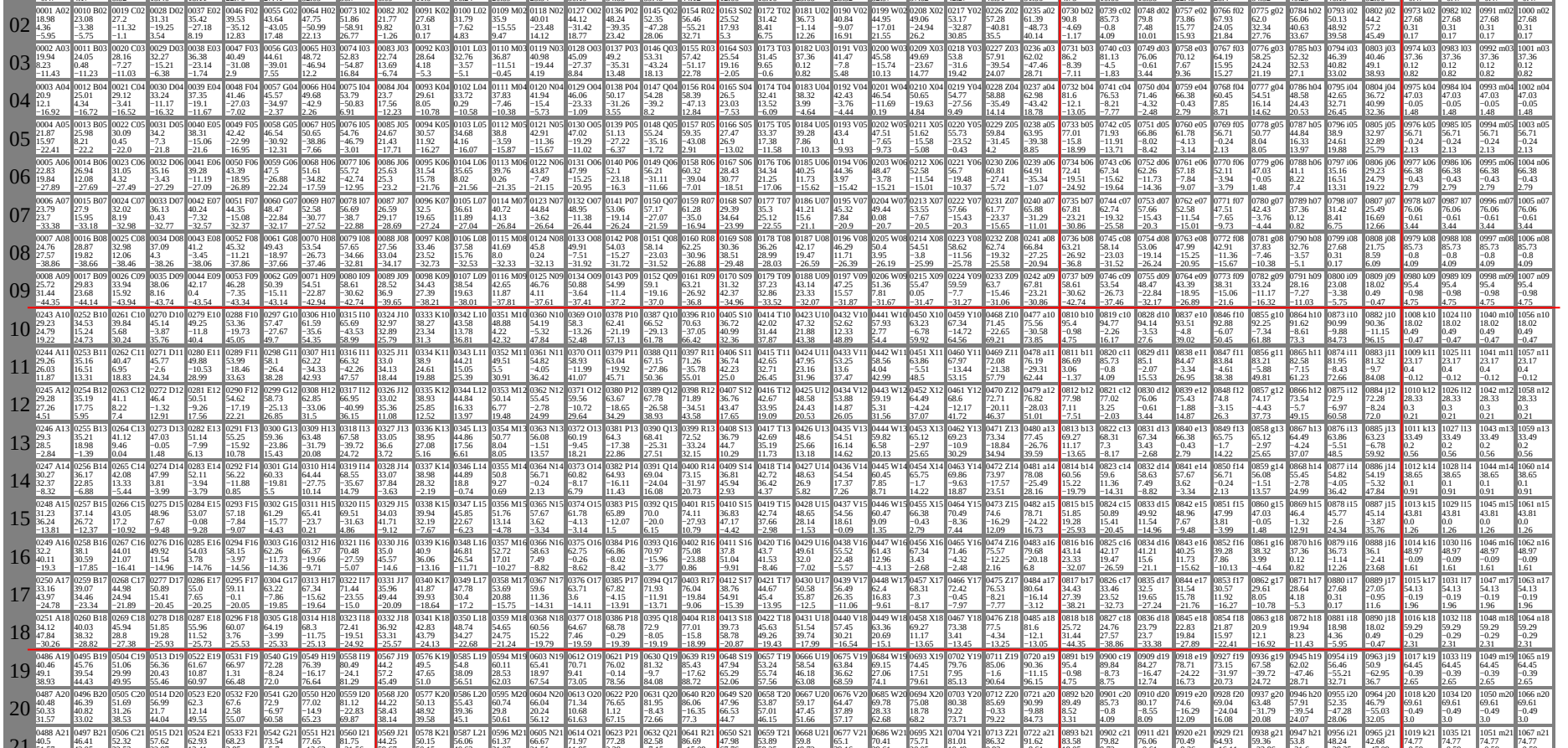


Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1 CIELAB

BAM-Registrierung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
Anwendung für Beurteilung von Druckern− oder Monitorsystemen

BAM-Material: Code=rha4ta

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 7/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB* Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*

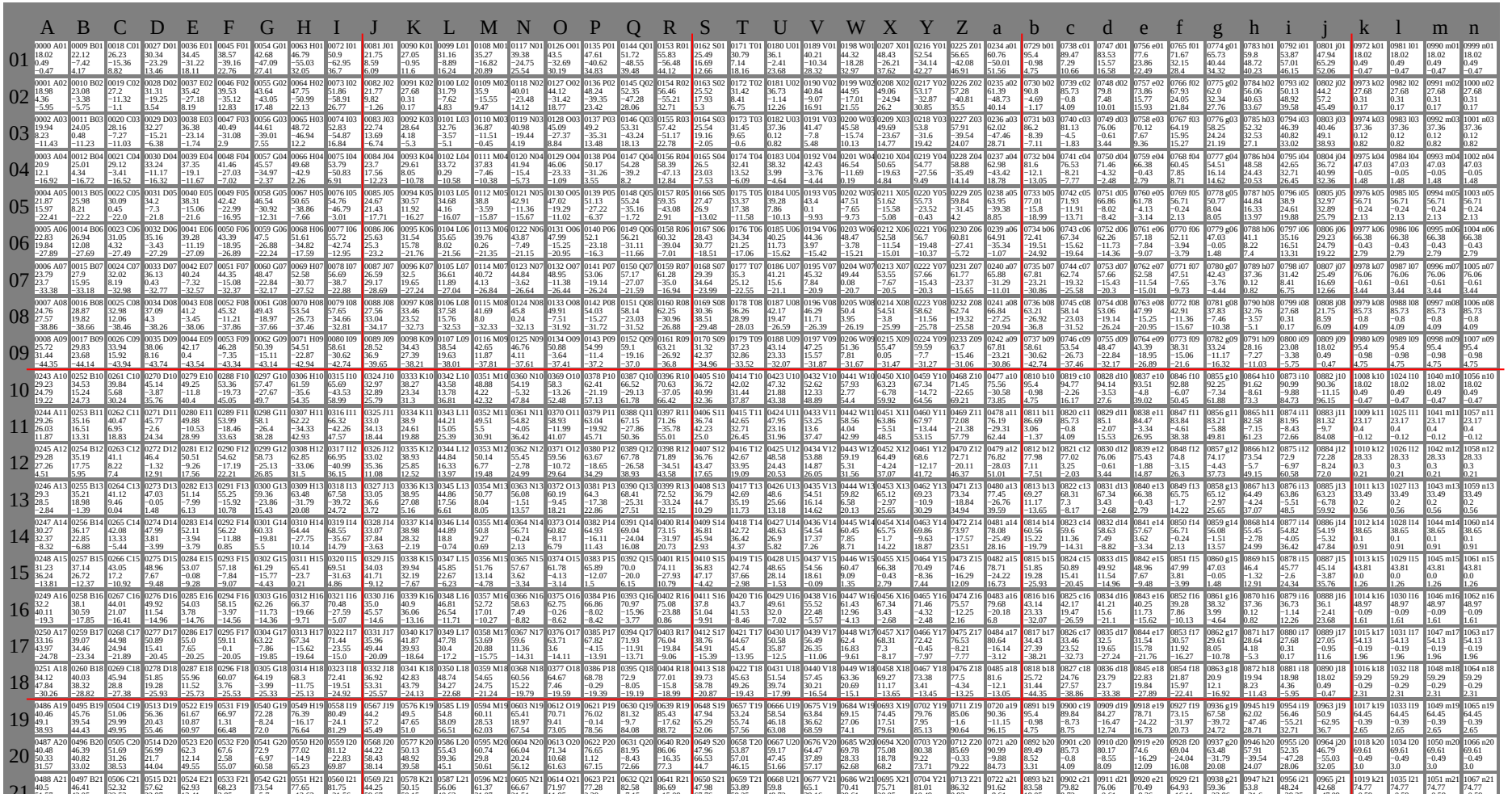


Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, ic=1,1 CIELAB

BAM-Registerung; 20071001-ZG52/10L/L52G00FP.PS/.PDF
Anwendung für Beurteilung von Drucker− oder Monitorsystemen

BAM-Prüfvorlage ZG52; Farbmetrik-Seite, Seite 8/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB*Ausgabe: −>LAB*−>cmyn5* setcmykcolor*

BAM-Material: Code=rha4ta

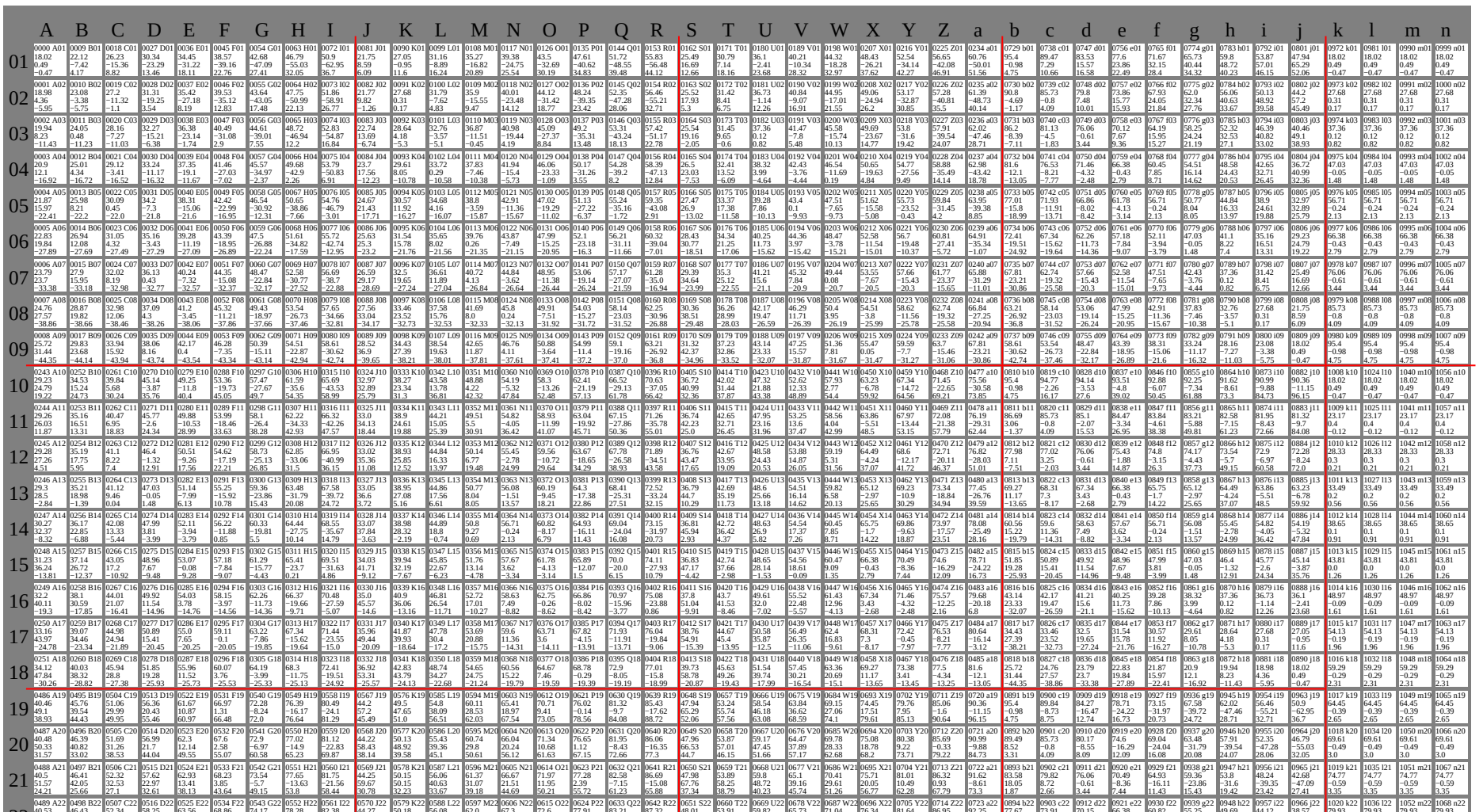


ZG520−7F, Prüfvorlage mit 40x27=1080 Farben; digital gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n): rgb (A−j, n), 000n (k), w (l), nnn0 (m), 5,4mm x 5,4mm, Seite 9/4, NLS00

Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Prüfvorlage ZG52; Farbmetrik-Seite, Seite 9/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB* Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*

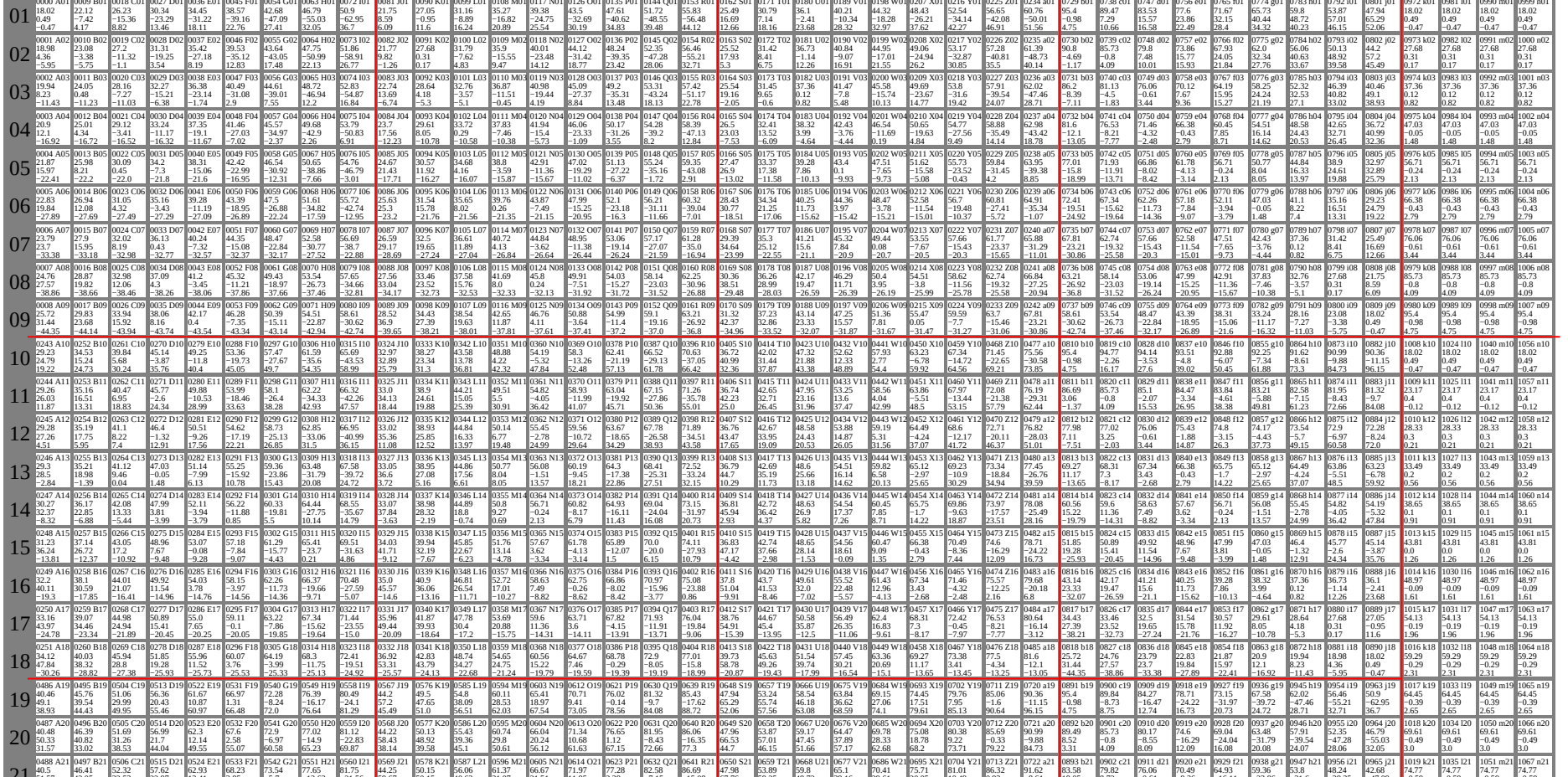
BAM-Registerung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
BAM-Material: Code=rha4ta
Anwendung für Beurteilung von Drucker− oder Monitorsystemen



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, ic=1,1 CIELAB

BAM-Registerung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
Anwendung für Bauteilprüfung von Drucker− oder Monitorsystemen

BAM-Prüfvorlage ZG52; Farbmetrik-Seite, Seite 10/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB*Ausgabe: −>LAB*−>cmyn5* setcmykcolor*



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registerung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
Anwendung für Bauteilprüfung von Drucker− oder Monitorsystemen

BAM-Material: Code=rha4ta

BAM-Prüfvorlage ZG52; Farbmetrik-Seite 11/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB*Ausgabe: −>LAB*−>cmyn5* setcmykcolor*

Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20071001-ZG52/10L/L52G00FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

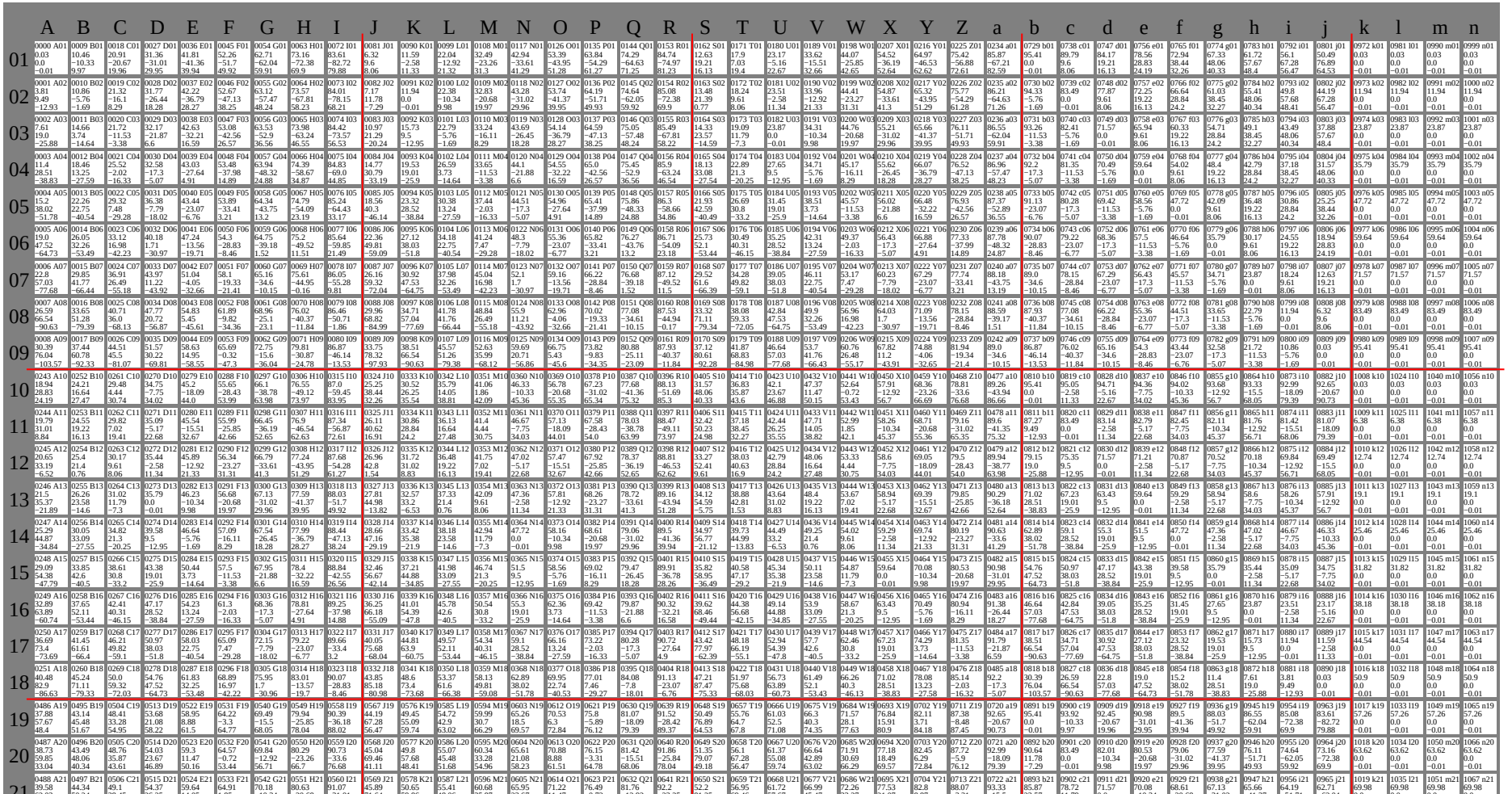
	A	B	C	D	E	F	G	H	I	J
01	0000 A01 18.02 0.49 -0.47	0009 B01 22.12 -7.42 4.17	0018 C01 26.23 -15.36 8.82	0027 D01 30.34 -23.29 13.46	0036 E01 34.45 -31.22 18.11	0045 F01 38.57 -39.16 22.76	0054 G01 42.68 -47.09 27.41	0063 H01 46.79 -55.03 32.05	0072 I01 50.9 -62.95 36.7	0081 J01 21.75 8.59 6.09
02	0001 A02 18.98 4.36 -5.95	0010 B02 23.08 -3.38 -5.75	0019 C02 27.2 -11.32 -1.1	0028 D02 31.31 -19.25 3.54	0037 E02 35.42 -27.18 8.19	0046 F02 39.53 -35.12 12.83	0055 G02 43.64 -43.05 17.48	0064 H02 47.75 -50.99 22.13	0073 I02 51.86 -58.91 26.77	0082 J02 21.77 9.82 -1.26
03	0002 A03 19.94 8.23 -11.43	0011 B03 24.05 0.48 -11.23	0020 C03 28.16 -7.27 -11.03	0029 D03 32.27 -15.21 -6.38	0038 E03 36.38 -23.14 -1.74	0047 F03 40.49 -31.08 2.9	0056 G03 44.61 -39.01 7.55	0065 H03 48.72 -46.94 12.2	0074 I03 52.83 -54.87 16.84	0083 J03 22.74 13.69 -6.74
04	0003 A04 20.9 12.1 -16.92	0012 B04 25.01 4.34 -16.72	0021 C04 29.12 -3.41 -16.52	0030 D04 33.24 -11.17 -16.32	0039 E04 37.35 -19.1 -11.67	0048 F04 41.46 -27.03 -7.02	0057 G04 45.57 -34.97 -2.37	0066 H04 49.68 -42.9 2.26	0075 I04 53.79 -50.83 6.91	0084 J04 23.7 17.56 -12.23
05	0004 A05 21.87 15.97 -22.41	0013 B05 25.98 8.21 -22.2	0022 C05 30.09 0.45 -22.0	0031 D05 34.2 -7.3 -21.8	0040 E05 38.31 -15.06 -21.6	0049 F05 42.42 -22.99 -16.95	0058 G05 46.54 -30.92 -12.31	0067 H05 50.65 -38.86 -7.66	0076 I05 54.76 -46.79 -3.01	0085 J05 24.67 21.43 -17.71
06	0005 A06 22.83 19.84 -27.89	0014 B06 26.94 12.08 -27.69	0023 C06 31.05 4.32 -27.49	0032 D06 35.16 -3.43 -27.29	0041 E06 39.28 -11.19 -27.09	0050 F06 43.39 -18.95 -26.89	0059 G06 47.5 -26.88 -22.24	0068 H06 51.61 -34.82 -17.59	0077 I06 55.72 -42.74 -12.95	0086 J06 25.63 25.3 -23.2
07	0006 A07 23.79 23.7 -33.38	0015 B07 27.9 15.95 -33.18	0024 C07 32.02 8.19 -32.98	0033 D07 36.13 0.43 -32.77	0042 E07 40.24 -7.32 -32.57	0051 F07 44.35 -15.08 -32.37	0060 G07 48.47 -22.84 -32.17	0069 H07 52.58 -30.77 -27.52	0078 I07 56.69 -38.7 -22.88	0087 J07 26.59 29.17 -28.69
08	0007 A08 24.76 27.57 -38.86	0016 B08 28.87 19.82 -38.66	0025 C08 32.98 12.06 -38.46	0034 D08 37.09 4.3 -38.26	0043 E08 41.2 -3.45 -38.06	0052 F08 45.32 -11.21 -37.86	0061 G08 49.43 -18.97 -37.66	0070 H08 53.54 -26.73 -37.46	0079 I08 57.65 -34.66 -32.81	0088 J08 27.56 33.04 -34.17
09	0008 A09 25.72 31.44 -44.35	0017 B09 29.83 23.68 -44.14	0026 C09 33.94 15.92 -43.94	0035 D09 38.06 8.16 -43.74	0044 E09 42.17 0.4 -43.54	0053 F09 46.28 -7.35 -43.34	0062 G09 50.39 -15.11 -43.14	0071 H09 54.51 -22.87 -42.94	0080 I09 58.61 -30.62 -42.74	0089 J09 28.52 36.9 -39.65
10	0243 A10 29.23 24.79 19.22	0252 B10 34.53 15.24 24.73	0261 C10 39.84 5.68 30.24	0270 D10 45.14 -3.87 35.76	0279 E10 49.25 -11.8 40.4	0288 F10 53.36 -19.73 45.05	0297 G10 57.47 -27.67 49.7	0306 H10 61.59 -35.6 54.35	0315 I10 65.69 -43.53 58.99	0324 J10 32.97 32.89 25.79
11	0244 A11 29.26 26.03 11.87	0253 B11 35.16 16.51 13.31	0262 C11 40.47 6.95 18.83	0271 D11 45.77 -2.6 24.34	0280 E11 49.88 -10.53 28.99	0289 F11 53.99 -18.46 33.63	0298 G11 58.1 -26.4 38.28	0307 H11 62.22 -34.33 42.93	0316 I11 66.32 -42.26 47.57	0325 J11 33.0 34.13 18.44
12	0245 A12 29.28 27.26 4.51	0254 B12 35.19 17.75 5.95	0263 C12 41.1 8.22 7.4	0272 D12 46.4 -1.32 12.91	0281 E12 50.51 -9.26 17.56	0290 F12 54.62 -17.19 22.21	0299 G12 58.73 -25.13 26.85	0308 H12 62.85 -33.06 31.5	0317 I12 66.95 -40.99 36.15	0326 J12 33.02 35.36 11.08
13	0246 A13 29.3 28.5 -2.84	0255 B13 35.21 18.98 -1.39	0264 C13 41.12 9.46 0.04	0273 D13 47.03 -0.05 1.48	0282 E13 51.14 -7.99 6.13	0291 F13 55.25 -15.92 10.78	0300 G13 59.36 -23.86 15.43	0309 H13 63.48 -31.79 20.08	0318 I13 67.58 -39.72 24.72	0327 J13 33.05 36.6 3.72
14	0247 A14 30.27 32.37 -8.32	0256 B14 36.17 22.85 -6.88	0265 C14 42.08 13.33 -5.44	0274 D14 47.99 3.81 -3.99	0283 E14 52.11 -3.94 -3.79	0292 F14 56.22 -11.88 0.85	0301 G14 60.33 -19.81 5.5	0310 H14 64.44 -27.75 10.14	0319 I14 68.55 -35.67 14.79	0328 J14 33.07 37.84 -3.63
15	0248 A15 31.23 36.24 -13.81	0257 B15 37.14 26.72 -12.37	0266 C15 43.05 17.2 -10.92	0275 D15 48.96 7.67 -9.48	0284 E15 53.07 -0.08 -9.28	0293 F15 57.18 -7.84 -9.07	0302 G15 61.29 -15.77 -4.43	0311 H15 65.41 -23.7 0.21	0320 I15 69.51 -31.63 4.86	0329 J15 34.03 41.71 -9.12
16	0249 A16 32.2 40.11 -19.3	0258 B16 38.1 30.59 -17.85	0267 C16 44.01 21.07 -16.41	0276 D16 49.92 11.54 -14.96	0285 E16 54.03 3.78 -14.76	0294 F16 58.15 -3.97 -14.56	0303 G16 62.26 -11.73 -14.36	0312 H16 66.37 -19.66 -9.71	0321 I16 70.48 -27.59 -5.07	0330 J16 35.0 45.57 -14.6
17	0250 A17 33.16 43.97 -24.78	0259 B17 39.07 34.46 -23.34	0268 C17 44.98 24.94 -21.89	0277 D17 50.89 15.41 -20.45	0286 E17 55.0 7.65 -20.25	0295 F17 59.11 -0.1 -20.05	0304 G17 63.22 -7.86 -19.85	0313 H17 67.34 -15.62 -19.64	0322 I17 71.44 -23.55 -15.0	0331 J17 35.96 49.44 -20.09
18	0251 A18 34.12 47.84 -30.26	0260 B18 40.03 38.32 -28.82	0269 C18 45.94 28.8 -27.38	0278 D18 51.85 19.28 -25.93	0287 E18 55.96 11.52 -25.73	0296 F18 60.07 3.76 -25.53	0305 G18 64.19 -3.99 -25.33	0314 H18 68.3 -11.75 -25.13	0323 I18 72.41 -19.51 -24.92	0332 J18 36.92 53.31 -25.57
19	0486 A19 40.46 49.1 38.93	0495 B19 45.76 39.54 44.43	0504 C19 51.06 29.99 49.95	0513 D19 56.36 20.43 55.46	0522 E19 61.67 10.87 60.97	0531 F19 66.97 1.31 66.48	0540 G19 72.28 -8.24 72.0	0549 H19 76.39 -16.17 76.64	0558 I19 80.49 -24.1 81.29	0567 J19 44.2 57.2 45.49
20	0487 A20 40.48 50.33 31.57	0496 B20 46.39 40.82 33.02	0505 C20 51.69 31.26 38.53	0514 D20 56.99 21.7 44.04	0523 E20 62.3 12.14 49.55	0532 F20 67.6 2.58 55.07	0541 G20 72.9 -6.97 60.58	0550 H20 77.02 -14.9 65.23	0559 I20 81.12 -22.83 69.87	0568 J20 44.22 58.43 38.14
21	0488 A21 40.5 51.57 24.21	0497 B21 46.41 42.05 25.66	0506 C21 52.32 32.53 27.1	0515 D21 57.62 22.97 32.61	0524 E21 62.93 13.41 38.13	0533 F21 68.23 3.85 43.64	0542 G21 73.54 -5.7 49.15	0551 H21 77.65 -13.63 53.8	0560 I21 81.75 -21.56 58.44	0569 J21 44.25 59.67 30.78
22	0489 A22 40.53 52.8 16.85	0498 B22 46.43 43.29 18.3	0507 C22 52.34 33.76 19.74	0516 D22 58.25 24.24 21.19	0525 E22 63.56 14.68 26.7	0534 F22 68.86 5.12 32.21	0543 G22 74.17 -4.43 37.73	0552 H22 78.28 -12.36 42.37	0561 I22 82.38 -20.29 47.02	0570 J22 44.27 60.9 23.42
23	0490 A23 40.55 54.04 9.5	0499 B23 46.46 44.52 10.94	0508 C23 52.37 35.0 12.38	0517 D23 58.28 25.48 13.83	0526 E23 64.19 15.95 15.27	0535 F23 69.49 6.39 20.79	0544 G23 74.8 -3.15 26.3	0553 H23 78.91 -11.09 30.95	0562 I23 83.01 -19.02 35.59	0571 J23 44.29 62.14 16.06
24	0491 A24 40.58 55.28 2.14	0500 B24 46.48 45.76 3.58	0509 C24 52.39 36.24 5.03	0518 D24 58.3 26.71 6.47	0527 E24 64.21 17.19 7.92	0536 F24 70.12 7.67 9.36	0545 G24 75.43 -1.88 14.87	0554 H24 79.54 -9.82 19.52	0563 I24 83.64 -17.74 24.17	0572 J24 44.32 63.38 8.7
25	0492 A25 40.6 56.51 -5.21	0501 B25 46.51 47.0 -3.77	0510 C25 52.42 37.47 -2.32	0519 D25 58.33 27.95 -0.88	0528 E25 64.24 18.43 0.56	0537 F25 70.15 8.9 2.0	0546 G25 76.06 -0.61 3.44	0555 H25 80.17 -8.55 8.09	0564 I25 84.27 -16.47 12.74	0573 J25 44.34 64.61 1.35
26	0493 A26 41.56 60.38 -10.7	0502 B26 47.47 50.86 -9.25	0511 C26 53.38 41.34 -7.81	0520 D26 59.29 31.82 -6.36	0529 E26 65.2 22.29 -4.92	0538 F26 71.11 12.77 -3.47	0547 G26 77.02 3.25 -2.03	0556 H26 81.13 -4.5 -1.83	0565 I26 85.24 -12.43 2.81	0574 J26 44.36 65.85 -6.0
27	0494 A27 42.53 64.25 -16.18	0503 B27 48.43 54.73 -14.74	0512 C27 54.34 45.21 -13.29	0521 D27 60.25 35.68 -11.85	0530 E27 66.16 26.16 -10.4	0539 F27 72.07 16.64 -8.96	0548 G27 77.98 7.11 -7.51	0557 H27 82.09 -0.64 -7.31	0566 I27 86.2 -8.39 -7.11	0575 J27 45.33 69.72 -11.48

	K	L	M	N	O	P	Q	R	S	T
01	0090 K01 27.05 -0.95 11.6	0099 L01 31.16 -8.89 16.24	0108 M01 35.27 -16.82 20.89	0117 N01 39.38 -24.75 25.54	0126 O01 43.5 -32.69 30.19	0135 P01 47.61 -40.62 34.83	0144 Q01 51.72 -48.55 39.48	0153 R01 55.83 -56.48 44.12	0162 S01 25.49 16.69 12.66	0171 T01 30.79 7.14 18.16
02	0091 K02 27.68 0.31 0.17	0100 L02 31.79 -7.62 4.83	0109 M02 35.9 -15.55 9.47	0118 N02 40.01 -23.48 14.12	0127 O02 44.12 -31.42 18.77	0136 P02 48.24 -39.35 23.42	0145 Q02 52.35 -47.28 28.06	0154 R02 56.46 -55.21 32.71	0163 S02 25.52 17.93 5.3	0172 T02 31.42 8.41 6.75
03	0092 K03 28.64 4.18 -5.3	0101 L03 32.76 -3.57 -5.1	0110 M03 36.87 -11.51 -0.45	0119 N03 40.98 -19.44 4.19	0128 O03 45.09 -27.37 8.84	0137 P03 49.2 -35.31 13.48	0146 Q03 53.31 -43.24 18.13	0155 R03 57.42 -51.17 22.78	0164 S03 25.54 19.16 -2.05	0173 T03 31.45 9.65 -0.6
04	0093 K04 29.61 8.05 -10.78	0102 L04 33.72 0.29 -10.58	0111 M04 37.83 -7.46 -10.38	0120 N04 41.94 -15.4 -5.73	0129 O04 46.06 -23.33 -1.09	0138 P04 50.17 -31.26 3.55	0147 Q04 54.28 -39.2 8.2	0156 R04 58.39 -47.13 12.84	0165 S04 26.5 23.03 -7.53	0174 T04 32.41 13.52 -6.09
05	0094 K05 30.57 11.92 -16.27	0103 L05 34.68 4.16 -16.07	0112 M05 38.8 -3.59 -15.87	0121 N05 42.91 -11.36 -15.67	0130 O05 47.02 -19.29 -11.02	0139 P05 51.13 -27.22 -6.37	0148 Q05 55.24 -35.16 -1.72	0157 R05 59.35 -43.08 2.91	0166 S05 27.47 26.9 -13.02	0175 T05 33.37 17.38 -11.58
06	0095 K06 31.54 15.78 -21.76	0104 L06 35.65 8.02 -21.56	0113 M06 39.76 0.26 -21.35	0122 N06 43.87 -7.49 -21.15	0131 O06 47.99 -15.25 -20.95	0140 P06 52.1 -23.18 -16.3	0149 Q06 56.21 -31.11 -11.66	0158 R06 60.32 -39.04 -7.01	0167 S06 28.43 30.77 -18.51	0176 T06 34.34 21.25 -17.06
07	0096 K07 32.5 19.65 -27.24	0105 L07 36.61 11.89 -27.04	0114 M07 40.72 4.13 -26.84	0123 N07 44.84 -3.62 -26.64	0132 O07 48.95 -11.38 -26.44	0141 P07 53.06 -19.14 -26.24	0150 Q07 57.17 -27.07 -21.59	0159 R07 61.28 -35.0 -16.94	0168 S07 29.39 34.64 -23.99	0177 T07 35.3 25.12 -22.55
08	0097 K08 33.46 23.52 -32.73	0106 L08 37.58 15.76 -32.53	0115 M08 41.69 8.0 -32.33	0124 N08 45.8 0.24 -32.13	0133 O08 49.91 -7.51 -31.92	0142 P08 54.03 -15.27 -31.72	0151 Q08 58.14 -23.03 -31.52	0160 R08 62.25 -30.96 -26.88	0169 S08 30.36 38.51 -29.48	0178 T08 36.26 28.99 -28.03
09	0098 K09 34.43 27.39 -38.21	0107 L09 38.54 19.63 -38.01	0116 M09 42.65 11.87 -37.81	0125 N09 46.76 4.11 -37.61	0134 O09 50.88 -3.64 -37.41	0143 P09 54.99 -11.4 -37.2	0152 Q09 59.1 -19.16 -37.0	0161 R09 63.21 -26.92 -36.8	0170 S09 31.32 42.37 -34.96	0179 T09 37.23 32.86 -33.52
10	0333 K10 38.27 23.34 31.3	0342 L10 43.58 13.78 36.81	0351 M10 48.88 4.22 42.32	0360 N10 54.19 -5.32 47.84	0369 O10 58.3 -13.26 52.48	0378 P10 62.41 -21.19 57.13	0387 Q10 66.52 -29.13 61.78	0396 R10 70.63 -37.05 66.42	0405 S10 36.72 40.99 32.36	0414 T10 42.02 31.44 37.87
11	0334 K11 38.9 24.61 19.88	0343 L11 44.21 15.05 25.39	0352 M11 49.51 5.5 30.91	0361 N11 54.82 -4.05 36.42	0370 O11 58.93 -11.99 41.07	0379 P11 63.04 -19.92 45.71	0388 Q11 67.15 -27.86 50.36	0397 R11 71.26 -35.78 55.01	0406 S11 36.74 42.23 25.0	0415 T11 42.65 32.71 26.45
12	0335 K12 38.93 25.85 12.52	0344 L12 44.84 16.33 13.97	0353 M12 50.14 6.77 19.48	0362 N12 55.45 -2.78 24.99	0371 O12 59.56 -10.72 29.64	0380 P12 63.67 -18.65 34.29	0389 Q12 67.78 -26.58 38.93	0398 R12 71.89 -34.51 43.58	0407 S12 36.76 43.47 17.65	0416 T12 42.67 33.95 19.09
13	0336 K13 38.95 27.08 5.16	0345 L13 44.86 17.56 6.61	0354 M13 50.77 8.04 8.05	0363 N13 56.08 -1.51 13.57	0372 O13 60.19 -9.45 18.21	0381 P13 64.3 -17.38 22.86	0390 Q13 68.41 -25.31 27.51	0399 R13 72.52 -33.24 32.15	0408 S13 36.79 44.7 10.29	0417 T13 42.69 35.19 11.73
14	0337 K14 38.98 28.32 -2.19	0346 L14 44.89 18.8 -0.74	0355 M14 50.8 9.27 0.69	0364 N14 56.71 -0.24 2.13	0373 O14 60.82 -8.17 6.79	0382 P14 64.93 -16.11 11.43	0391 Q14 69.04 -24.04 16.08	0400 R14 73.15 -31.97 20.73	0409 S14 36.81 45.94 2.93	0418 T14 42.72 36.42 4.37
15	0338 K15 39.94 32.19 -7.67	0347 L15 45.85 22.67 -6.23	0356 M15 51.76 13.14 -4.78	0365 N15 57.67 3.62 -3.34	0374 O15 61.78 -4.13 -3.14	0383 P15 65.89 -12.07 1.5	0392 Q15 70.0 -20.0 6.15	0401 R15 74.11 -27.93 10.79	0410 S15 36.83 47.17 -4.42	0419 T15 42.74 37.66 -2.98
16	0339 K16 40.9 36.06 -13.16	0348 L16 46.81 26.54 -11.71	0357 M16 52.72 17.01 -10.27	0366 N16 58.63 7.49 -8.82	0375 O16 62.75 -0.26 -8.62	0384 P16 66.86 -8.02 -8.42	0393 Q16 70.97 -15.96 -3.77	0402 R16 75.08 -23.88 0.86	0411 S16 37.8 51.04 -9.91	0420 T16 43.7 41.53 -8.46
17	0340 K17 41.87 39.93 -18.64	0349 L17 47.78 30.4 -17.2	0358 M17 53.69 20.88 -15.75	0367 N17 59.6 11.36 -14.31	0376 O17 63.71 3.6 -14.11	0385 P17 67.82 -4.15 -13.91	0394 Q17 71.93 -11.91 -13.71	0403 R17 76.04 -19.84 -9.06	0412 S17 38.76 54.91 -15.39	0421 T17 44.67 45.4 -13.95
18	0341 K18 42.83 43.79 -24.13	0350 L18 48.74 34.27 -22.68	0359 M18 54.65 24.75 -21.24	0368 N18 60.56 15.22 -19.79	0377 O18 64.67 7.46 -19.59	0386 P18 68.78 -0.29 -19.39	0395 Q18 72.9 -8.05 -19.19	0404 R18 77.01 -15.8 -18.99	0413 S18 39.73 58.78 -20.87	0422 T18 45.63 49.26 -19.43
19	0576 K19 49.5 47.65 51.0	0585 L19 54.8 38.09 56.51	0594 M19 60.11 28.53 62.03	0603 N19 65.41 18.97 67.54	0612 O19 70.71 9.41 73.05	0621 P19 76.02 -0.14 78.56	0630 Q19 81.32 -9.7 84.08	0639 R19 85.43 -17.62 88.72	0648 S19 47.94 65.29 52.06	0657 T19 53.24 55.74 57.56
20	0577 K20 50.13 48.92 39.58	0586 L20 55.43 39.36 45.1	0595 M20 60.74 29.8 50.61	0604 N20 66.04 20.24 56.12	0613 O20 71.34 10.68 61.63	0622 P20 76.65 1.12 67.15	0631 Q20 81.95 -8.43 72.66	0640 R20 86.06 -16.35 77.3	0649 S20 47.96 66.53 44.7	0658 T20 53.87 57.01 46.15
21	0578 K21 50.15 50.15 32.23	0587 L21 56.06 40.63 33.67	0596 M21 61.37 31.07 39.18	0605 N21 66.67 21.51 44.69	0614 O21 71.97 11.95 50.21	0623 P21 77.28 2.39 55.72	0632 Q21 82.58 -7.15 61.23	0641 R21 86.69 -15.08 65.88	0650 S21 47.98 67.76 37.34	0659 T21 53.89 58.25 38.79
22	0579 K22 50.18 51.39 24.87	0588 L22 56.08 41.87 26.31	0597 M22 62.0 32.34 27.76	0606 N22 67.3 22.78 33.27	0615 O22 72.6 13.22 38.78	0624 P22 77.91 3.67 44.29	0633 Q22 83.21 -5.88 49.81	0642 R22 87.32 -13.81 54.45	0651 S22 48.01 69.0 29.98	0660 T22 53.91 59.48 31.43
23	0580 K23 50.2 52.62 17.51	0589 L23 56.11 43.1 18.95	0598 M23 62.02 33.58 20.4	0607 N23 67.93 24.05 21.84	0616 O23 73.23 14.5 27.35	0625 P23 78.54 4.94 32.87	0634 Q23 83.84 -4.61 38.38	0643 R23 87.95 -12.54 43.02	0652 S23 48.03 70.24 22.63	0661 T23 53.94 60.72 24.07
24	0581 K24 50.22 53.86 10.15	0590 L24 56.13 44.34 11.59	0599 M24 62.04 34.81 13.04	0608 N24 67.95 25.29 14.48	0617 O24 73.86 15.77 15.93	0626 P24 79.17 6.21 21.44	0635 Q24 84.47 -3.34 26.95	0644 R24 88.58 -11.27 31.6	0653 S24 48.06 71.47 15.27	0662 T24 53.96 61.96 16.71
25	0582 K25 50.25 55.1 2.79	0591 L25 56.16 45.57 4.23	0600 M25 62.07 36.05 5.68	0609 N25 67.98 26.53 7.12	0618 O25 73.89 17.0 8.57	0627 P25 79.8 7.48 10.01	0636 Q25 85.1 -2.07 15.53	0645 R25 89.21 -10.0 20.17	0654 S25 48.08 72.71 7.91	0663 T25 53.98 63.19 9.35
26	0583 K26 50.27 56.33 -4.56	0592 L26 56.18 46.81 -3.11	0601 M26 62.09 37.29 -1.67	0610 N26 68.0 27.76 -0.22	0619 O26 73.91 18.24 1.21	0628 P26 79.82 8.72 2.66	0637 Q26 85.73 -0.8 4.09	0646 R26 89.84 -8.73 8.75	0655 S26 48.1 73.94 0.55	0664 T26 54.01 64.43 1.99
27	0584 K27 51.23 60.2 -10.04	0593 L27 57.14 50.68 -8.6	0602 M27 63.05 41.15 -7.15	0611 N27 68.96 31.63 -5.71	0620 O27 74.87 22.1 -4.26	0629 P27 80.78 12.58 -2.82	0638 Q27 86.69 3.06 -1.37	0647 R27 90.8 -4.69 -1.17	0656 S27 48.13 75.18 -6.79	0665 T27 54.03 65.66 -5.35

	U	V	W	X	Y	Z	a	b	c	d
01	0180 U01 36.1 -2.41 23.68	0189 V01 40.21 -10.34 28.32	0198 W01 44.32 -18.28 32.97	0207 X01 48.43 -26.21 37.62	0216 Y01 52.54 -34.14 42.27	0225 Z01 56.65 -42.08 46.91	0234 a01 60.76 -50.01 51.56	0729 b01 95.4 -0.98 4.75	0738 c01 89.47 7.29 10.66	0747 d01 83.53 15.57 16.58
02	0181 U02 36.73 -1.14 12.26	0190 V02 40.84 -9.07 16.91	0199 W02 44.95 -17.01 21.55	0208 X02 49.06 -24.94 26.2	0217 Y02 53.17 -32.87 30.85	0226 Z02 57.28 -40.81 35.5	0235 a02 61.39 -48.73 40.14	0730 b02 90.8 -4.69 -1.17	0739 c02 85.73 -0.8 4.09	0748 d02 79.8 7.48 10.01
03	0182 U03 37.36 0.12 0.82	0191 V03 41.47 -7.8 5.48	0200 W03 45.58 -15.74 10.13	0209 X03 49.69 -23.67 14.77	0218 Y03 53.8 -31.6 19.42	0227 Z03 57.91 -39.54 24.07	0236 a03 62.02 -47.46 28.71	0731 b03 86.2 -8.39 -7.11	0740 c03 81.13 -4.5 -1.83	0749 d03 76.06 -0.61 3.44
04	0183 U04 38.32 3.99 -4.64	0192 V04 42.43 -3.76 -4.44	0201 W04 46.54 -11.69 0.19	0210 X04 50.65 -19.63 4.84	0219 Y04 54.77 -27.56 9.49	0228 Z04 58.88 -35.49 14.14	0237 a04 62.98 -43.42 18.78	0732 b04 81.6 -12.1 -13.05	0741 c04 76.53 -8.21 -7.77	0750 d04 71.46 -4.32 -2.48
05	0184 U05 39.28 7.86 -10.13	0193 V05 43.4 0.1 -9.93	0202 W05 47.51 -7.65 -9.73	0211 X05 51.62 -15.58 -5.08	0220 Y05 55.73 -23.52 -0.43	0229 Z05 59.84 -31.45 4.2	0238 a05 63.95 -39.38 8.85	0733 b05 77.01 -15.8 -18.99	0742 c05 71.93 -11.91 -13.71	0751 d05 66.86 -8.02 -8.42
06	0185 U06 40.25 11.73 -15.62	0194 V06 44.36 3.97 -15.42	0203 W06 48.47 -3.78 -15.21	0212 X06 52.58 -11.54 -15.01	0221 Y06 56.7 -19.48 -10.37	0230 Z06 60.81 -27.41 -5.72	0239 a06 64.91 -35.34 -1.07	0734 b06 72.41 -19.51 -24.92	0743 c06 67.34 -15.62 -19.64	0752 d06 62.26 -11.73 -14.36
07	0186 U07 41.21 15.6 -21.1	0195 V07 45.32 7.84 -20.9	0204 W07 49.44 0.08 -20.7	0213 X07 53.55 -7.67 -20.5	0222 Y07 57.66 -15.43 -20.3	0231 Z07 61.77 -23.37 -15.65	0240 a07 65.88 -31.29 -11.01	0735 b07 67.81 -23.21 -30.86	0744 c07 62.74 -19.32 -25.58	0753 d07 57.66 -15.43 -20.3
08	0187 U08 42.17 19.47 -26.59	0196 V08 46.29 11.71 -26.39	0205 W08 50.4 3.95 -26.19	0214 X08 54.51 -3.8 -25.99	0223 Y08 58.62 -11.56 -25.78	0232 Z08 62.74 -19.32 -25.58	0241 a08 66.84 -27.25 -20.94	0736 b08 63.21 -26.92 -36.8	0745 c08 58.14 -23.03 -31.52	0754 d08 53.06 -19.14 -26.24
09	0188 U09 43.14 23.33 -32.07	0197 V09 47.25 15.57 -31.87	0206 W09 51.36 7.81 -31.67	0215 X09 55.47 0.05 -31.47	0224 Y09 59.59 -7.7 -31.27	0233 Z09 63.7 -15.46 -31.06	0242 a09 67.81 -23.21 -30.86	0737 b09 58.61 -30.62 -42.74	0746 c09 53.54 -26.73 -37.46	0755 d09 48.47 -22.84 -32.17
10	0423 U10 47.32 21.88 43.38	0432 V10 52.62 12.33 48.89	0441 W10 57.93 2.77 54.4	0450 X10 63.23 -6.78 59.92	0459 Y10 67.34 -14.72 64.56	0468 Z10 71.45 -22.65 69.21	0477 a10 75.56 -30.58 73.85	0810 b10 95.4 -0.98 4.75	0819 c10 94.77 -2.26 16.17	0828 d10 94.14 -3.53 27.6
11	0424 U11 47.95 23.16 31.96	0433 V11 53.25 13.6 37.47	0442 W11 58.56 4.04 42.99	0451 X11 63.86 -5.51 48.5	0460 Y11 67.97 -13.44 53.15	0469 Z11 72.08 -21.38 57.79	0478 a11 76.19 -29.31 62.44	0811 b11 86.69 3.06 -1.37	0820 c11 85.73 -0.8 4.09	0829 d11 85.1 -2.07 15.53
12	0425 U12 48.58 24.43 20.53	0434 V12 53.88 14.87 26.05	0443 W12 59.19 5.31 31.56	0452 X12 64.49 -4.24 37.07	0461 Y12 68.6 -12.17 41.72	0470 Z12 72.71 -20.11 46.37	0479 a12 76.82 -28.03 51.01	0812 b12 77.98 7.11 -7.51	0821 c12 77.02 3.25 -2.03	0830 d12 76.06 -0.61 3.44
13	0426 U13 48.6 25.66 13.18	0435 V13 54.51 16.14 14.62	0444 W13 59.82 6.58 20.13	0453 X13 65.12 -2.97 25.65	0462 Y13 69.23 -10.9 30.29	0471 Z13 73.34 -18.84 34.94	0480 a13 77.45 -26.76 39.59	0813 b13 69.27 11.17 -13.65	0822 c13 68.31 7.3 -8.17	0831 d13 67.34 3.43 -2.68
14	0427 U14 48.63 26.9 5.82	0436 V14 54.54 17.37 7.26	0445 W14 60.45 7.85 8.71	0454 X14 65.75 -1.7 14.22	0463 Y14 69.86 -9.63 18.87	0472 Z14 73.97 -17.57 23.51	0481 a14 78.08 -25.49 28.16	0814 b14 60.56 15.22 -19.79	0823 c14 59.6 11.36 -14.31	0832 d14 58.63 7.49 -8.82
15	0428 U15 48.65 28.14 -1.53	0437 V15 54.56 18.61 -0.09	0446 W15 60.47 9.09 1.35	0455 X15 66.38 -0.43 2.79	0464 Y15 70.49 -8.36 7.44	0473 Z15 74.6 -16.29 12.09	0482 a15 78.71 -24.22 16.73	0815 b15 51.85 19.28 -25.93	0824 c15 50.89 15.41 -20.45	0833 d15 49.92 11.54 -14.96
16	0429 U16 49.61 32.0 -7.02	0438 V16 55.52 22.48 -5.57	0447 W16 61.43 12.96 -4.13	0456 X16 67.34 3.43 -2.68	0465 Y16 71.46 -4.32 -2.48	0474 Z16 75.57 -12.25 2.16	0483 a16 79.68 -20.18 6.8	0816 b16 43.14 23.33 -32.07	0825 c16 42.17 19.47 -26.59	0834 d16 41.21 15.6 -21.1
17	0430 U17 50.58 35.87 -12.5	0439 V17 56.49 26.35 -11.06	0448 W17 62.4 16.83 -9.61	0457 X17 68.31 7.3 -8.17	0466 Y17 72.42 -0.45 -7.97	0475 Z17 76.53 -8.21 -7.77	0484 a17 80.64 -16.14 -3.12	0817 b17 34.43 27.39 -38.21	0826 c17 33.46 23.52 -32.73	0835 d17 32.5 19.65 -27.24
18	0431 U18 51.54 39.74 -17.99	0440 V18 57.45 30.21 -16.54	0449 W18 63.36 20.69 -15.1	0458 X18 69.27 11.17 -13.65	0467 Y18 73.38 3.41 -13.45	0476 Z18 77.5 -4.34 -13.25	0485 a18 81.6 -12.1 -13.05	0818 b18 25.72 31.44 -44.35	0827 c18 24.76 27.57 -38.86	0836 d18 23.79 23.7 -33.38
19	0666 U19 58.54 46.18 63.08	0675 V19 63.84 36.62 68.59	0684 W19 69.15 27.06 74.1	0693 X19 74.45 17.51 79.61	0702 Y19 79.76 7.95 85.13	0711 Z19 85.06 -1.6 90.64	0720 a19 90.36 -11.15 96.15	0891 b19 95.4 -0.98 4.75	0900 c19 89.84 -8.73 8.75	0909 d19 84.27 -16.47 12.74
20	0667 U20 59.17 47.45 51.66	0676 V20 64.47 37.89 57.17	0685 W20 69.78 28.33 62.68	0694 X20 75.08 18.78 68.2	0703 Y20 80.38 9.22 73.71	0712 Z20 85.69 -0.33 79.22	0721 a20 90.99 -9.88 84.73	0892 b20 89.49 8.52 3.31	0901 c20 85.73 -0.8 4.09	0910 d20 80.17 -8.55 8.09
21	0668 U21 59.8 48.72 40.23	0677 V21 65.1 39.16 45.74	0686 W21 70.41 29.61 51.26	0695 X21 75.71 20.05 56.77	0704 Y21 81.01 10.49 62.28	0713 Z21 86.32 0.93 67.79	0722 a21 91.62 -8.61 73.3	0893 b21 83.58 18.05 1.87	0902 c21 79.82 8.72 2.66	0911 d21 76.06 -0.61 3.44
22	0669 U22 59.82 49.96 32.87	0678 V22 65.73 40.44 34.32	0687 W22 71.04 30.88 39.83	0696 X22 76.34 21.32 45.34	0705 Y22 81.64 11.76 50.86	0714 Z22 86.95 2.2 56.37	0723 a22 92.25 -7.34 61.88	0894 b22 77.67 27.57 0.42	0903 c22 73.91 18.24 1.21	0912 d22 70.15 8.9 2.0
23	0670 U23 59.85 51.2 25.51	0679 V23 65.76 41.67 26.96	0688 W23 71.67 32.15 28.4	0697 X23 76.97 22.59 33.92	0706 Y23 82.27 13.03 39.43	0715 Z23 87.58 3.47 44.94	0724 a23 92.88 -6.07 50.45	0895 b23 71.76 37.09 -1.01	0904 c23 68.0 27.76 -0.22	0913 d23 64.24 18.43 0.56
24	0671 U24 59.87 52.43 18.16	0680 V24 65.78 42.91 19.6	0689 W24 71.69 33.38 21.05	0698 X24 77.6 23.86 22.49	0707 Y24 82.9 14.3 28.0	0716 Z24 88.21 4.74 33.52	0725 a24 93.51 -4.8 39.02	0896 b24 65.85 46.62 -2.46	0905 c24 62.09 37.29 -1.67	0914 d24 58.33 27.95 -0.88
25	0672 U25 59.89 53.67 10.8	0681 V25 65.8 44.14 12.24	0690 W25 71.71 34.62 13.69	0699 X25 77.62 25.1 15.13	0708 Y25 83.53 15.57 16.58	0717 Z25 88.84 6.01 22.09	0726 a25 94.14 -3.53 27.6	0897 b25 59.94 56.14 -3.9	0906 c25 56.18 46.81 -3.11	0915 d25 52.42 37.47 -2.32
26	0673 U26 59.92 54.9 3.44	0682 V26 65.83 45.38 4.88	0691 W26 71.74 35.86 6.33	0700 X26 77.65 26.33 7.77	0709 Y26 83.56 16.81 9.22	0718 Z26 89.47 7.29 10.66	0727 a26 94.77 -2.26 16.17	0898 b26 54.03 65.66 -5.35	0907 c26 50.27 56.33 -4.56	0916 d26 46.51 47.0 -3.77
27	0674 U27 59.94 56.14 -3.9	0683 V27 65.85 46.62 -2.46	0692 W27 71.76 37.09 -1.01	0701 X27 77.67 27.57 0.42	0710 Y27 83.58 18.05 1.87	0719 Z27 89.49 8.52 3.31	0728 a27 95.4 -0.98 4.75	0899 b27 48.13 75.18 -6.79	0908 c27 44.36 65.85 -6.0	0917 d27 40.6 56.51 -5.21

	e	f	g	h	i	j	k	l	m	n
01	0756 e01 77.6 23.86 22.49	0765 f01 71.67 32.15 28.4	0774 g01 65.73 40.44 34.32	0783 h01 59.8 48.72 40.23	0792 i01 53.87 57.01 46.15	0801 j01 47.94 65.29 52.06	0972 k01 18.02 0.49 -0.47	0981 l01 18.02 0.49 -0.47	0990 m01 18.02 0.49 -0.47	0999 n01 18.02 0.49 -0.47
02	0757 e02 73.86 15.77 15.93	0766 f02 67.93 24.05 21.84	0775 g02 62.0 32.34 27.76	0784 h02 56.06 40.63 33.67	0793 i02 50.13 48.92 39.58	0802 j02 44.2 57.2 45.49	0973 k02 27.68 0.31 0.17	0982 l02 27.68 0.31 0.17	0991 m02 27.68 0.31 0.17	1000 n02 27.68 0.31 0.17
03	0758 e03 70.12 7.67 9.36	0767 f03 64.19 15.95 15.27	0776 g03 58.25 24.24 21.19	0785 h03 52.32 32.53 27.1	0794 i03 46.39 40.82 33.02	0803 j03 40.46 49.1 38.93	0974 k03 37.36 0.12 0.82	0983 l03 37.36 0.12 0.82	0992 m03 37.36 0.12 0.82	1001 n03 37.36 0.12 0.82
04	0759 e04 66.38 -0.43 2.79	0768 f04 60.45 7.85 8.71	0777 g04 54.51 16.14 14.62	0786 h04 48.58 24.43 20.53	0795 i04 42.65 32.71 26.45	0804 j04 36.72 40.99 32.36	0975 k04 47.03 -0.05 1.48	0984 l04 47.03 -0.05 1.48	0993 m04 47.03 -0.05 1.48	1002 n04 47.03 -0.05 1.48
05	0760 e05 61.78 -4.13 -3.14	0769 f05 56.71 -0.24 2.13	0778 g05 50.77 8.04 8.05	0787 h05 44.84 16.33 13.97	0796 i05 38.9 24.61 19.88	0805 j05 32.97 32.89 25.79	0976 k05 56.71 -0.24 2.13	0985 l05 56.71 -0.24 2.13	0994 m05 56.71 -0.24 2.13	1003 n05 56.71 -0.24 2.13
06	0761 e06 57.18 -7.84 -9.07	0770 f06 52.11 -3.94 -3.79	0779 g06 47.03 -0.05 1.48	0788 h06 41.1 8.22 7.4	0797 i06 35.16 16.51 13.31	0806 j06 29.23 24.79 19.22	0977 k06 66.38 -0.43 2.79	0986 l06 66.38 -0.43 2.79	0995 m06 66.38 -0.43 2.79	1004 n06 66.38 -0.43 2.79
07	0762 e07 52.58 -11.54 -15.01	0771 f07 47.51 -7.65 -9.73	0780 g07 42.43 -3.76 -4.44	0789 h07 37.36 0.12 0.82	0798 i07 31.42 8.41 6.75	0807 j07 25.49 16.69 12.66	0978 k07 76.06 -0.61 3.44	0987 l07 76.06 -0.61 3.44	0996 m07 76.06 -0.61 3.44	1005 n07 76.06 -0.61 3.44
08	0763 e08 47.99 -15.25 -20.95	0772 f08 42.91 -11.36 -15.67	0781 g08 37.83 -7.46 -10.38	0790 h08 32.76 -3.57 -5.1	0799 i08 27.68 0.31 0.17	0808 j08 21.75 8.59 6.09	0979 k08 85.73 -0.8 4.09	0988 l08 85.73 -0.8 4.09	0997 m08 85.73 -0.8 4.09	1006 n08 85.73 -0.8 4.09
09	0764 e09 43.39 -18.95 -26.89	0773 f09 38.31 -15.06 -21.6	0782 g09 33.24 -11.17 -16.32	0791 h09 28.16 -7.27 -11.03	0800 i09 23.08 -3.38 -5.75	0809 j09 18.02 0.49 -0.47	0980 k09 95.4 -0.98 4.75	0989 l09 95.4 -0.98 4.75	0998 m09 95.4 -0.98 4.75	1007 n09 95.4 -0.98 4.75
10	0837 e10 93.51 -4.8 39.02	0846 f10 92.88 -6.07 50.45	0855 g10 92.25 -7.34 61.88	0864 h10 91.62 -8.61 73.3	0873 i10 90.99 -9.88 84.73	0882 j10 90.36 -11.15 96.15	1008 k10 18.02 0.49 -0.47	1024 l10 18.02 0.49 -0.47	1040 m10 18.02 0.49 -0.47	1056 n10 18.02 0.49 -0.47
11	0838 e11 84.47 -3.34 26.95	0847 f11 83.84 -4.61 38.38	0856 g11 83.21 -5.88 49.81	0865 h11 82.58 -7.15 61.23	0874 i11 81.95 -8.43 72.66	0883 j11 81.32 -9.7 84.08	1009 k11 23.17 0.4 -0.12	1025 l11 23.17 0.4 -0.12	1041 m11 23.17 0.4 -0.12	1057 n11 23.17 0.4 -0.12
12	0839 e12 75.43 -1.88 14.87	0848 f12 74.8 -3.15 26.3	0857 g12 74.17 -4.43 37.73	0866 h12 73.54 -5.7 49.15	0875 i12 72.9 -6.97 60.58	0884 j12 72.28 -8.24 72.0	1010 k12 28.33 0.3 0.21	1026 l12 28.33 0.3 0.21	1042 m12 28.33 0.3 0.21	1058 n12 28.33 0.3 0.21
13	0840 e13 66.38 -0.43 2.79	0849 f13 65.75 -1.7 14.22	0858 g13 65.12 -2.97 25.65	0867 h13 64.49 -4.24 37.07	0876 i13 63.86 -5.51 48.5	0885 j13 63.23 -6.78 59.92	1011 k13 33.49 0.2 0.56	1027 l13 33.49 0.2 0.56	1043 m13 33.49 0.2 0.56	1059 n13 33.49 0.2 0.56
14	0841 e14 57.67 3.62 -3.34	0850 f14 56.71 -0.24 2.13	0859 g14 56.08 -1.51 13.57	0868 h14 55.45 -2.78 24.99	0877 i14 54.82 -4.05 36.42	0886 j14 54.19 -5.32 47.84	1012 k14 38.65 0.1 0.91	1028 l14 38.65 0.1 0.91	1044 m14 38.65 0.1 0.91	1060 n14 38.65 0.1 0.91
15	0842 e15 48.96 7.67 -9.48	0851 f15 47.99 3.81 -3.99	0860 g15 47.03 -0.05 1.48	0869 h15 46.4 -1.32 12.91	0878 i15 45.77 -2.6 24.34	0887 j15 45.14 -3.87 35.76	1013 k15 43.81 0.0 1.26	1029 l15 43.81 0.0 1.26	1045 m15 43.81 0.0 1.26	1061 n15 43.81 0.0 1.26
16	0843 e16 40.25 11.73 -15.62	0852 f16 39.28 7.86 -10.13	0861 g16 38.32 3.99 -4.64	0870 h16 37.36 0.12 0.82	0879 i16 36.73 -1.14 12.26	0888 j16 36.1 -2.41 23.68	1014 k16 48.97 -0.09 1.61	1030 l16 48.97 -0.09 1.61	1046 m16 48.97 -0.09 1.61	1062 n16 48.97 -0.09 1.61
17	0844 e17 31.54 15.78 -21.76	0853 f17 30.57 11.92 -16.27	0862 g17 29.61 8.05 -10.78	0871 h17 28.64 4.18 -5.3	0880 i17 27.68 0.31 0.17	0889 j17 27.05 -0.95 11.6	1015 k17 54.13 -0.19 1.96	1031 l17 54.13 -0.19 1.96	1047 m17 54.13 -0.19 1.96	1063 n17 54.13 -0.19 1.96
18	0845 e18 22.83 19.84 -27.89	0854 f18 21.87 15.97 -22.41	0863 g18 20.9 12.1 -16.92	0872 h18 19.94 8.23 -11.43	0881 i18 18.98 4.36 -5.95	0890 j18 18.02 0.49 -0.47	1016 k18 59.29 -0.29 2.31	1032 l18 59.29 -0.29 2.31	1048 m18 59.29 -0.29 2.31	1064 n18 59.29 -0.29 2.31
19	0918 e19 78.71 -24.22 16.73	0927 f19 73.15 -31.97 20.73	0936 g19 67.58 -39.72 24.72	0945 h19 62.02 -47.46 28.71	0954 i19 56.46 -55.21 32.71	0963 j19 50.9 -62.95 36.7	1017 k19 64.45 -0.39 2.65	1033 l19 64.45 -0.39 2.65	1049 m19 64.45 -0.39 2.65	1065 n19 64.45 -0.39 2.65
20	0919 e20 74.6 -16.29 12.09	0928 f20 69.04 -24.04 16.08	0937 g20 63.48 -31.79 20.08	0946 h20 57.91 -39.54 24.07	0955 i20 52.35 -47.28 28.06	0964 j20 46.79 -55.03 32.05	1018 k20 69.61 -0.49 3.0	1034 l20 69.61 -0.49 3.0	1050 m20 69.61 -0.49 3.0	1066 n20 69.61 -0.49 3.0
21	0920 e21 70.49 -8.36 7.44	0929 f21 64.93 -16.11 11.43	0938 g21 59.36 -23.86 15.43	0947 h21 53.8 -31.6 19.42	0956 i21 48.24 -39.35 23.42	0965 j21 42.68 -47.09 27.41	1019 k21 74.77 -0.59 3.35	1035 l21 74.77 -0.59 3.35	1051 m21 74.77 -0.59 3.35	1067 n21 74.77 -0.59 3.35
22	0921 e22 66.38 -0.43 2.79	0930 f22 60.82 -8.17 6.79	0939 g22 55.25 -15.92 10.78	0948 h22 49.69 -23.67 14.77	0957 i22 44.12 -31.42 18.77	0966 j22 38.57 -39.16 22.76	1020 k22 79.93 -0.69 3.7	1036 l22 79.93 -0.69 3.7	1052 m22 79.93 -0.69 3.7	1068 n22 79.93 -0.69 3.7
23	0922 e23 60.47 9.09 1.35	0931 f23 56.71 -0.24 2.13	0940 g23 51.14 -7.99 6.13	0949 h23 45.58 -15.74 10.13	0958 i23 40.01 -23.48 14.12	0967 j23 34.45 -31.22 18.11	1021 k23 85.09 -0.79 4.05	1037 l23 85.09 -0.79 4.05	1053 m23 85.09 -0.79 4.05	1069 n23 85.09 -0.79 4.05
24	0923 e24 54.56 18.61 -0.09	0932 f24 50.8 9.27 0.69	0941 g24 47.03 -0.05 1.48	0950 h24 41.47 -7.8 5.48	0959 i24 35.9 -15.55 9.47	0968 j24 30.34 -23.29 13.46	1022 k24 90.25 -0.89 4.4	1038 l24 90.25 -0.89 4.4	1054 m24 90.25 -0.89 4.4	1070 n24 90.25 -0.89 4.4
25	0924 e25 48.65 28.14 -1.53	0933 f25 44.89 18.8 -0.74	0942 g25 41.12 9.46 0.04	0951 h25 37.36 0.12 0.82	0960 i25 31.79 -7.62 4.83	0969 j25 26.23 -15.36 8.82	1023 k25 95.4 -0.98 4.75	1039 l25 95.4 -0.98 4.75	1055 m25 95.4 -0.98 4.75	1071 n25 95.4 -0.98 4.75
26	0925 e26 42.74 37.66 -2.98	0934 f26 38.98 28.32 -2.19	0943 g26 35.21 18.98 -1.39	0952 h26 31.45 9.65 -0.6	0961 i26 27.68 0.31 0.17	0970 j26 22.12 -7.42 4.17	1072 k26 18.02 0.49 -0.47	1074 l26 47.94 65.29 52.06	1076 m26 90.36 -11.15 96.15	1078 n26 50.9 -62.95 36.7
27	0926 e27 36.83 47.17 -4.42	0935 f27 33.07 37.84 -3.63	0944 g27 29.3 28.5 -2.84	0953 h27 25.54 19.16 -2.05	0962 i27 21.77 9.82 -1.26	0971 j27 18.02 0.49 -0.47	1073 k27 95.4 -0.98 4.75	1075 l27 58.61 -30.62 -42.74	1077 m27 25.72 31.44 -44.35	1079 n27 48.13 75.18 -6.79

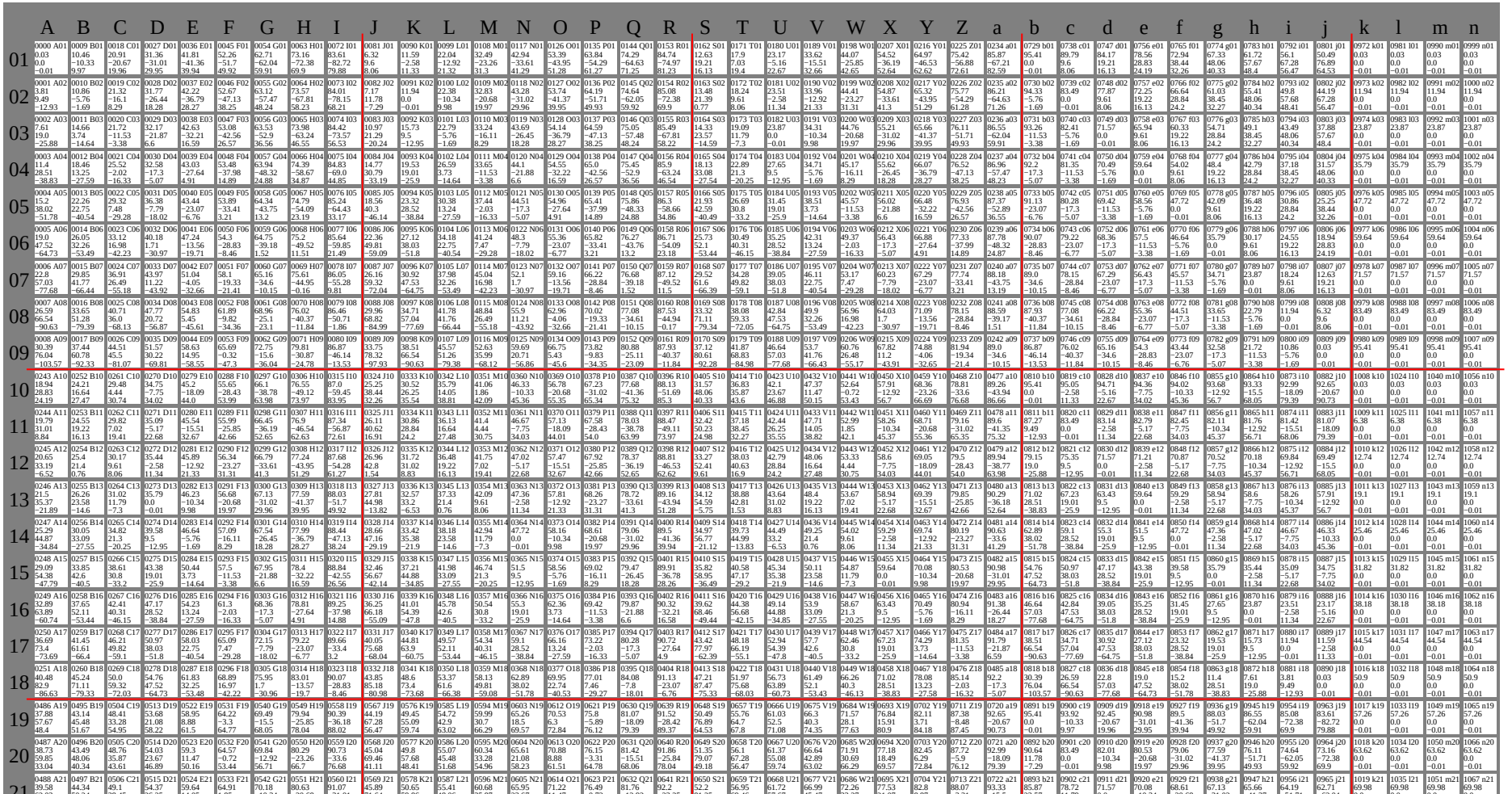
ZG520-7F, Prüfvorlage mit 40x27=1080 Farben; digital gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A-n): rgb (A-j, n), 000n (k), w (l), nnn0 (m), 5,4mm x 5,4mm, Seite 12/4, TLS70



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1 CIELAB

BAM-Registrierung: 20071001-ZG5210L/L52G00FP.PS/.PDF
Anwendung für Bauteilprüfung, Verschleiss und Monitorsysteme

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 13/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB* Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*

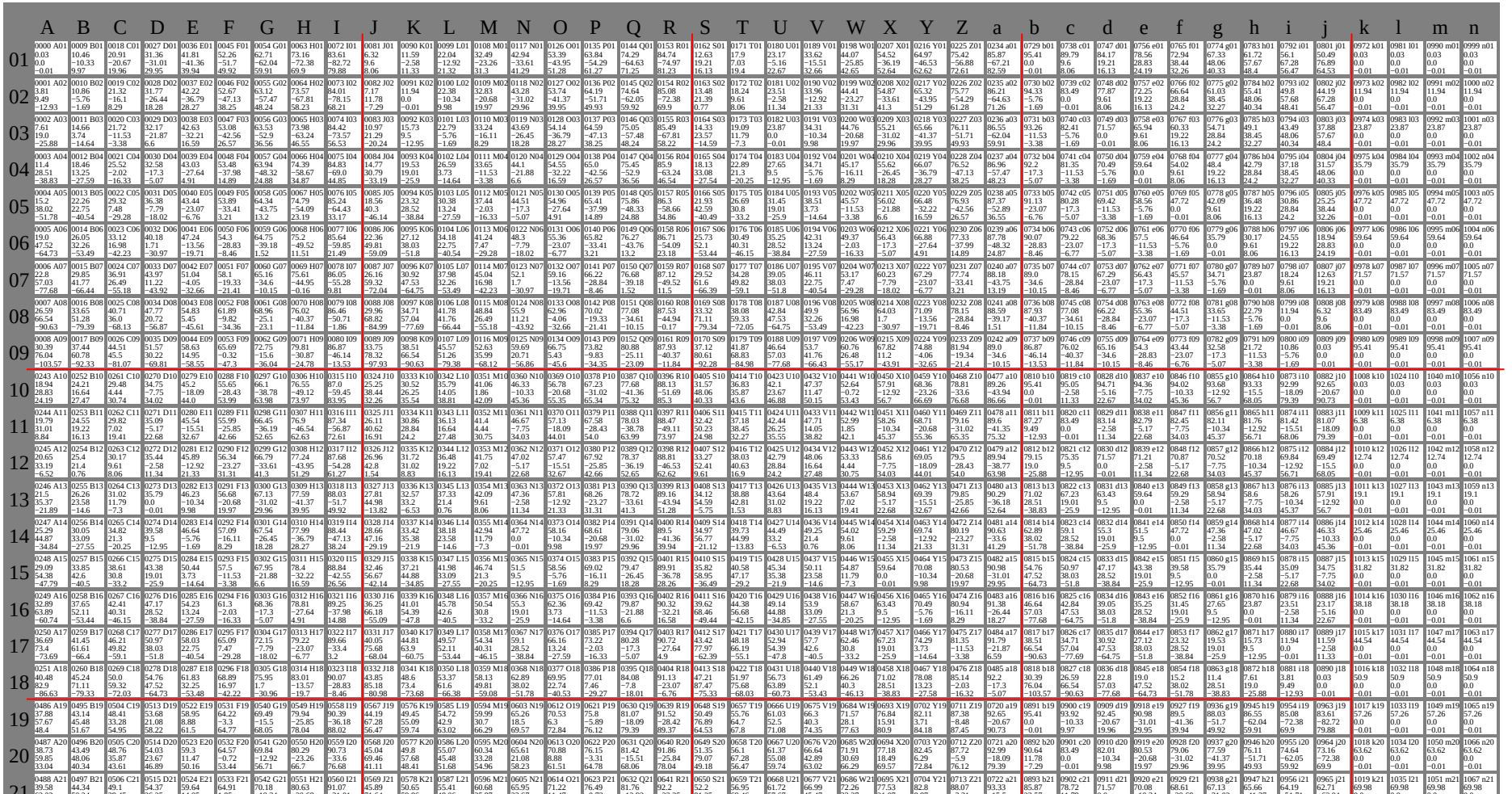


ZG520−7F, Prüfvorlage mit 40x27=1080 Farben; digital gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n): rgb (A−j, n), 000n (k), w (l), nnn0 (m), 5,4mm x 5,4mm, Seite 14/4, TLS06

Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1 CIELAB

BAM-Registrierung: 20071001-ZG52/10L/L52G00FP.PS/.PDF BAM-Registrierung
Anwendung für Bauteilprüfung, Verschleiss und Monitorsysteme

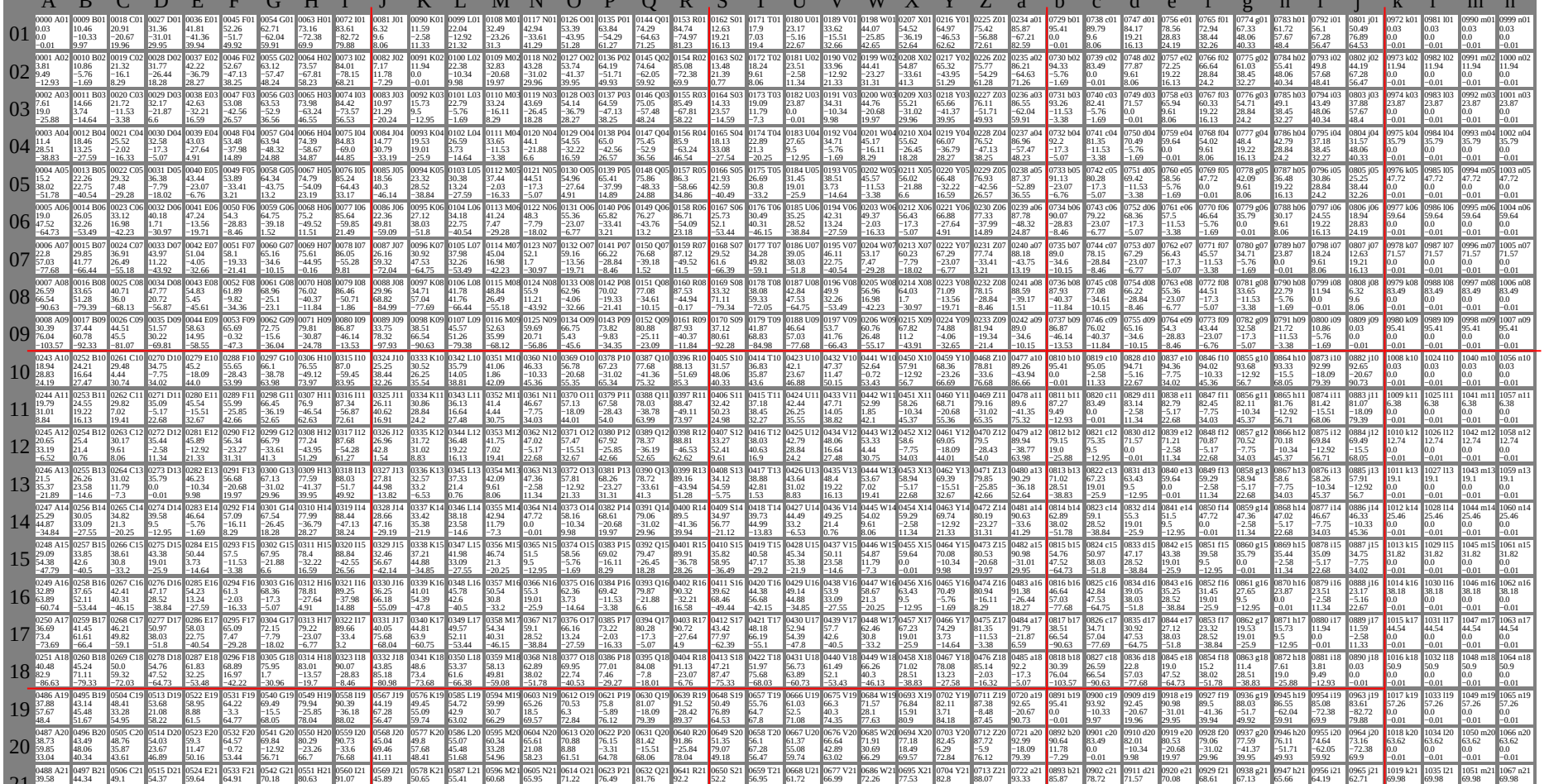
BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 14/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB* Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1 CIELAB

BAM-Registrierung: 20071001-ZG52/10L/L52G00FP.PS/.PDF BAM-Registrierung
Anwendung für Bauteilprüfung, Verschleiss und Monitorsysteme

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 15/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB* Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*

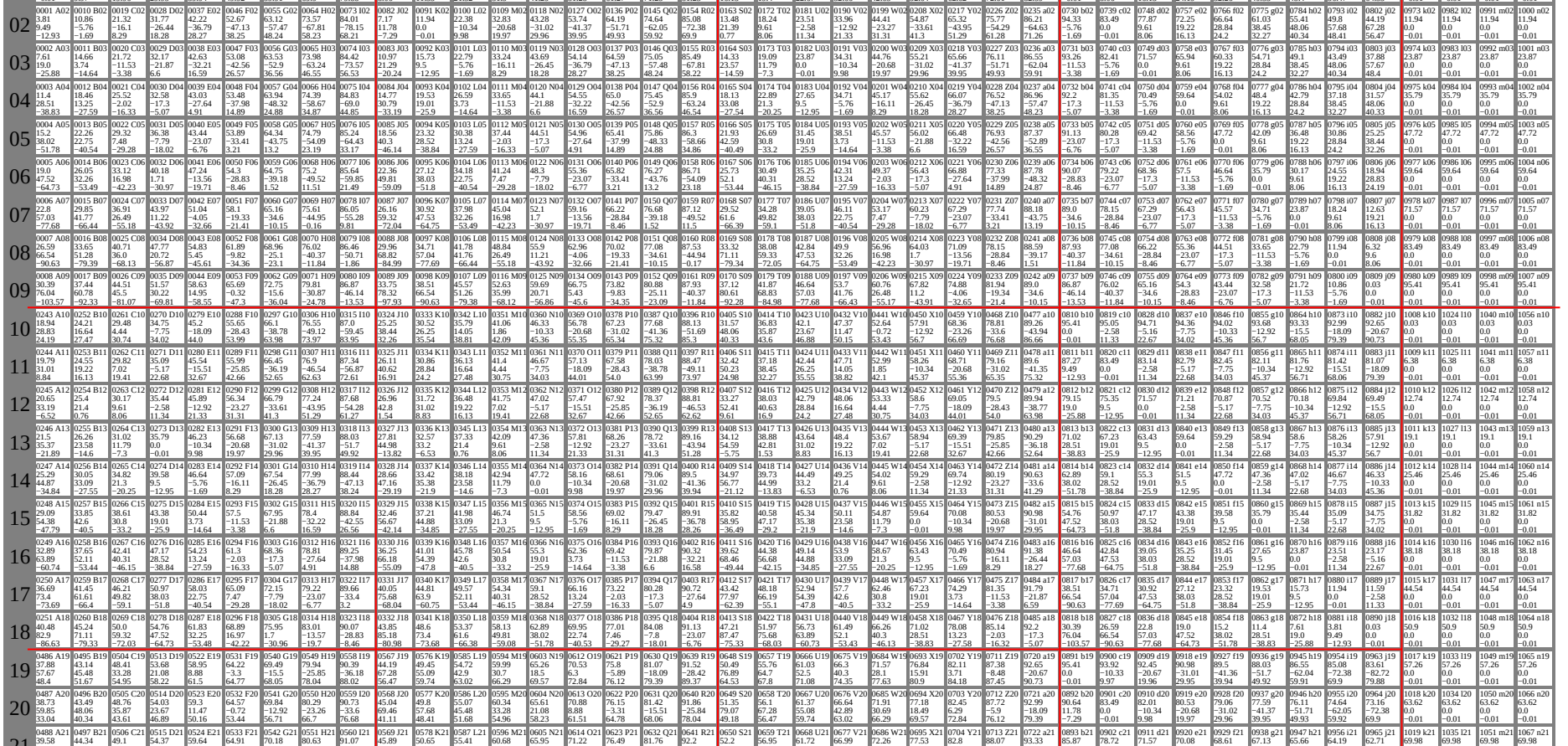


ZG520−7F, Prüfvorlage mit 40x27=1080 Farben; digital gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n): rgb (A−j, n), 000n (k), w (l), nnn0 (m), 5,4mm x 5,4mm, Seite 16/4, TLS18

Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1 CIELAB

BAM-Registrierung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
Anwendung für Bauteilprüfung, Verschleiss und Monitorsysteme

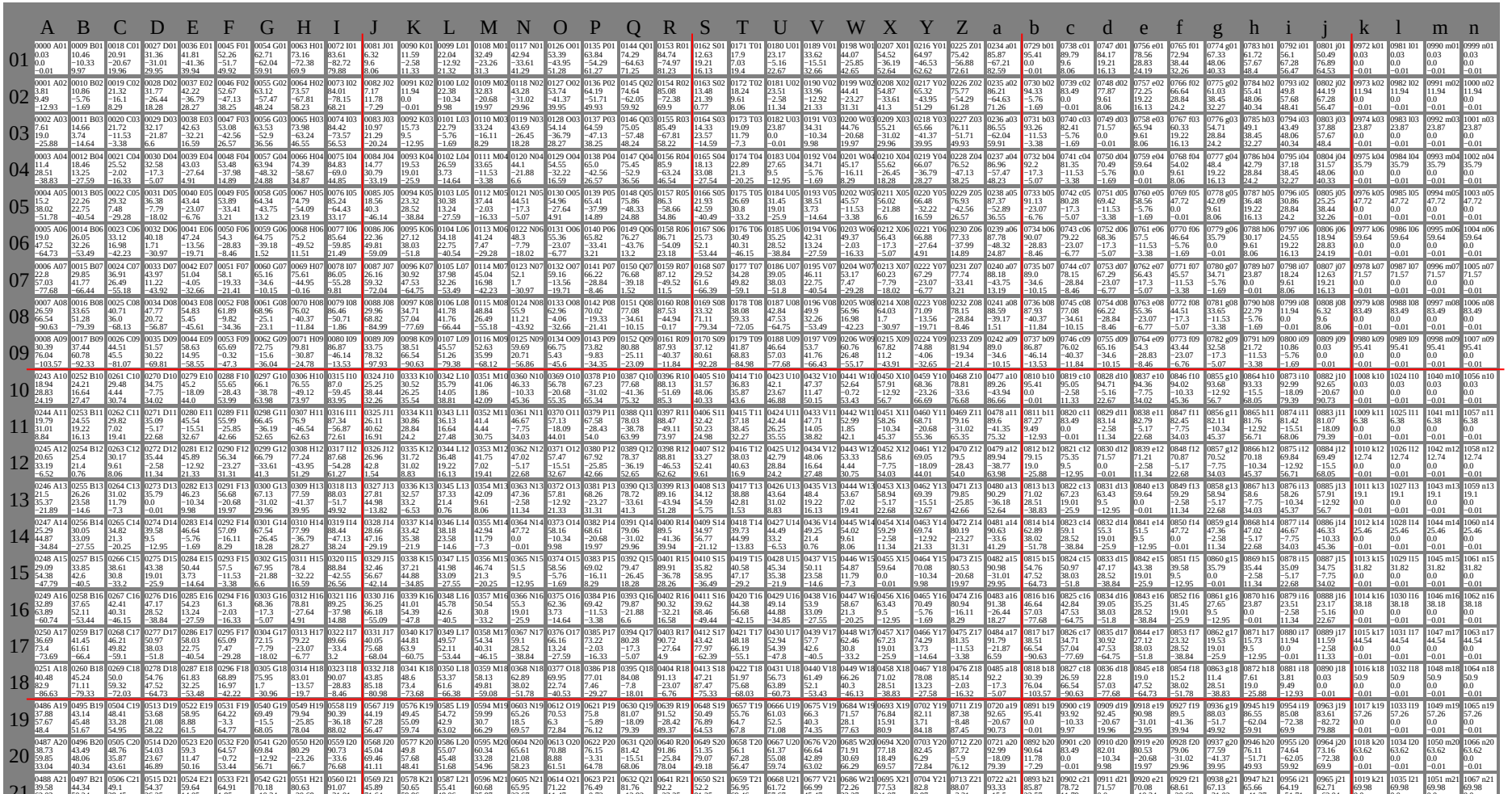
BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 16/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB*Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de/ZG.PDF; Version 2.1, io=1,1 CIELAB

BAM-Registrierung: 20071001-ZG5210L/L52G00FP.PS/.PDF
Anwendung für Bauteilprüfung, Verschleiss und Monitorsysteme

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 17/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB* Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1 CIELAB

BAM-Registerung: 20071001-ZG5210L/L52G00FP.PS/.PDF
Anwendung für Bauteilprüfung, Verschleiss und Monitorsysteme

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 18/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB* Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*

Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20071001-ZG52/10L/L52G00FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen

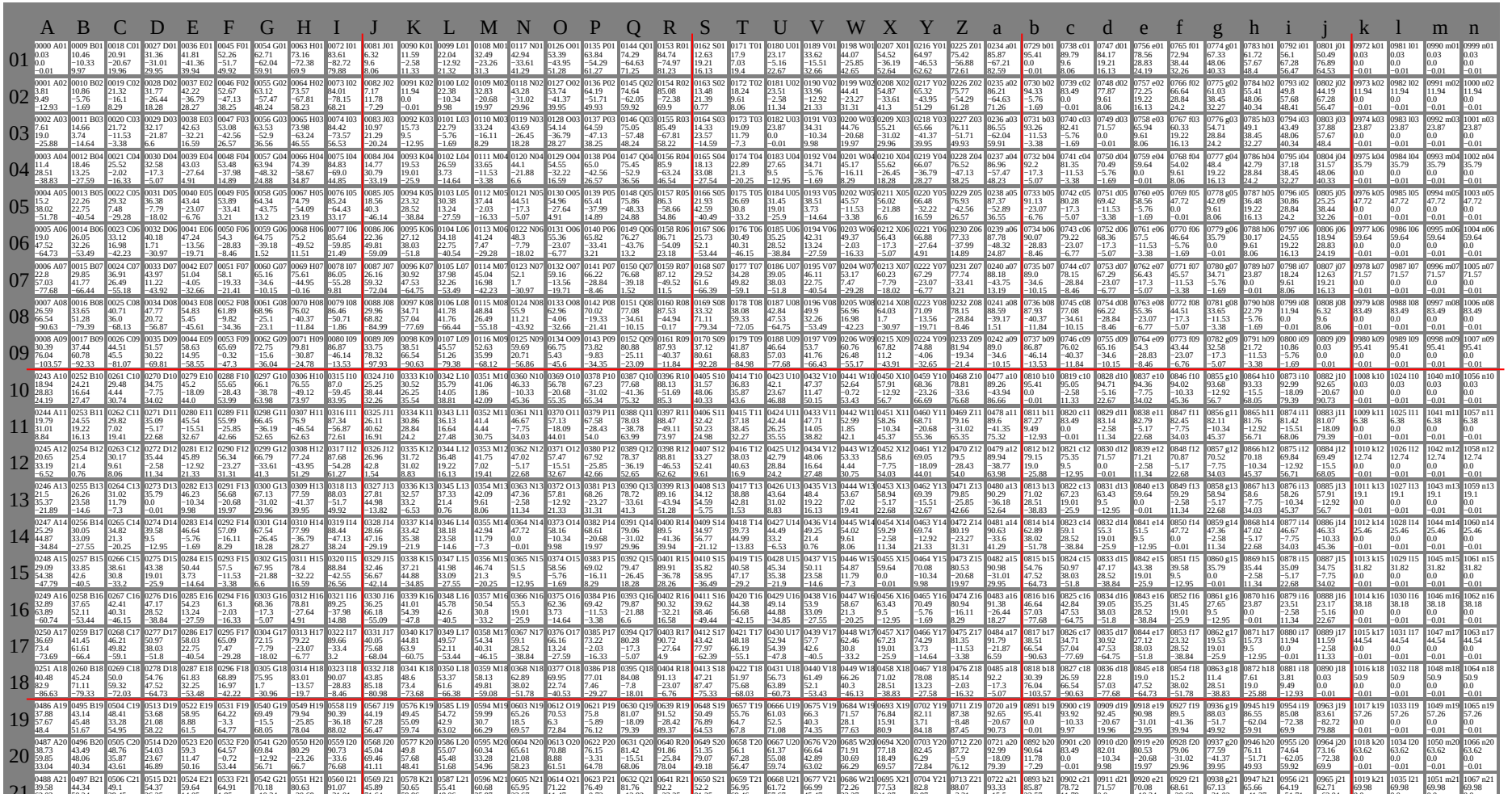
	A	B	C	D	E	F	G	H	I	J
01	0000 A01 0.03 0.0 -0.01	0009 B01 10.46 -10.33 9.97	0018 C01 20.91 -20.67 19.96	0027 D01 31.36 -31.01 29.95	0036 E01 41.81 -41.36 39.94	0045 F01 52.26 -51.7 49.92	0054 G01 62.71 -62.04 59.91	0063 H01 73.16 -72.38 69.9	0072 I01 83.61 -82.72 79.88	0081 J01 6.32 9.6 8.06
02	0001 A02 3.81 9.49 -12.93	0010 B02 10.86 -5.76 -1.69	0019 C02 21.32 -16.1 8.29	0028 D02 31.77 -26.44 18.28	0037 E02 42.22 -36.79 28.27	0046 F02 52.67 -47.13 38.25	0055 G02 63.12 -57.47 48.24	0064 H02 73.57 -67.81 58.23	0073 I02 84.01 -78.15 68.21	0082 J02 7.17 11.78 -7.29
03	0002 A03 7.61 19.0 -25.88	0011 B03 14.66 3.74 -14.64	0020 C03 21.72 -11.53 -3.38	0029 D03 32.17 -21.87 6.6	0038 E03 42.63 -32.21 16.59	0047 F03 53.08 -42.56 26.57	0056 G03 63.53 -52.9 36.56	0065 H03 73.98 -63.24 46.55	0074 I03 84.42 -73.57 56.53	0083 J03 10.97 21.29 -20.24
04	0003 A04 11.4 28.51 -38.83	0012 B04 18.46 13.25 -27.59	0021 C04 25.52 -2.02 -16.33	0030 D04 32.58 -17.3 -5.07	0039 E04 43.03 -27.64 4.91	0048 F04 53.48 -37.98 14.89	0057 G04 63.94 -48.32 24.88	0066 H04 74.39 -58.67 34.87	0075 I04 84.83 -69.0 44.85	0084 J04 14.77 30.79 -33.19
05	0004 A05 15.2 38.02 -51.78	0013 B05 22.26 22.75 -40.54	0022 C05 29.32 7.48 -29.28	0031 D05 36.38 -7.79 -18.02	0040 E05 43.44 -23.07 -6.76	0049 F05 53.89 -33.41 3.21	0058 G05 64.34 -43.75 13.2	0067 H05 74.79 -54.09 23.19	0076 I05 85.24 -64.43 33.17	0085 J05 18.56 40.3 -46.14
06	0005 A06 19.0 47.52 -64.73	0014 B06 26.05 32.26 -53.49	0023 C06 33.12 16.98 -42.23	0032 D06 40.18 1.71 -30.97	0041 E06 47.24 -13.56 -19.71	0050 F06 54.3 -28.83 -8.46	0059 G06 64.75 -39.18 1.52	0068 H06 75.2 -49.52 11.51	0077 I06 85.64 -59.85 21.49	0086 J06 22.36 49.81 -59.09
07	0006 A07 22.8 57.03 -77.68	0015 B07 29.85 41.77 -66.44	0024 C07 36.91 26.49 -55.18	0033 D07 43.97 11.22 -43.92	0042 E07 51.04 -4.05 -32.66	0051 F07 58.1 -19.33 -21.41	0060 G07 65.16 -34.6 -10.15	0069 H07 75.61 -44.95 -0.16	0078 I07 86.05 -55.28 9.81	0087 J07 26.16 59.32 -72.04
08	0007 A08 26.59 66.54 -90.63	0016 B08 33.65 51.28 -79.39	0025 C08 40.71 36.0 -68.13	0034 D08 47.77 20.72 -56.87	0043 E08 54.83 5.45 -45.61	0052 F08 61.89 -9.82 -34.36	0061 G08 68.96 -25.1 -23.1	0070 H08 76.02 -40.37 -11.84	0079 I08 86.46 -50.71 -1.86	0088 J08 29.96 68.82 -84.99
09	0008 A09 30.39 76.04 -103.57	0017 B09 37.44 60.78 -92.33	0026 C09 44.51 45.5 -81.07	0035 D09 51.57 30.22 -69.81	0044 E09 58.63 14.95 -58.55	0053 F09 65.69 -0.32 -47.3	0062 G09 72.75 -15.6 -36.04	0071 H09 79.81 -30.87 -24.78	0080 I09 86.87 -46.14 -13.53	0089 J09 33.75 78.32 -97.93
10	0243 A10 18.94 28.83 24.19	0252 B10 24.21 16.64 27.47	0261 C10 29.48 4.44 30.74	0270 D10 34.75 -7.75 34.02	0279 E10 45.2 -18.09 44.0	0288 F10 55.65 -28.43 53.99	0297 G10 66.1 -38.78 63.98	0306 H10 76.55 -49.12 73.97	0315 I10 87.0 -59.45 83.95	0324 J10 25.25 38.44 32.26
11	0244 A11 19.79 31.01 8.84	0253 B11 24.55 19.22 16.13	0262 C11 29.82 7.02 19.41	0271 D11 35.09 -5.17 22.68	0280 E11 45.54 -15.51 32.67	0289 F11 55.99 -25.85 42.66	0298 G11 66.45 -36.19 52.65	0307 H11 76.9 -46.54 62.63	0316 I11 87.34 -56.87 72.61	0325 J11 26.11 40.62 16.91
12	0245 A12 20.65 33.19 -6.52	0254 B12 25.4 21.4 0.76	0263 C12 30.17 9.61 8.06	0272 D12 35.44 -2.58 11.34	0281 E12 45.89 -12.92 21.33	0290 F12 56.34 -23.27 31.31	0299 G12 66.79 -33.61 41.3	0308 H12 77.24 -43.95 51.29	0317 I12 87.68 -54.28 61.27	0326 J12 26.96 42.8 1.54
13	0246 A13 21.5 35.37 -21.89	0255 B13 26.26 23.58 -14.6	0264 C13 31.02 11.79 -7.3	0273 D13 35.79 0.0 -0.01	0282 E13 46.23 -10.34 9.98	0291 F13 56.68 -20.68 19.97	0300 G13 67.13 -31.02 29.96	0309 H13 77.59 -41.37 39.95	0318 I13 88.03 -51.7 49.92	0327 J13 27.81 44.98 -13.82
14	0247 A14 25.29 44.87 -34.84	0256 B14 30.05 33.09 -27.55	0265 C14 34.82 21.3 -20.25	0274 D14 39.58 9.5 -12.95	0283 E14 46.64 -5.76 -1.69	0292 F14 57.09 -16.11 8.29	0301 G14 67.54 -26.45 18.28	0310 H14 77.99 -36.79 28.27	0319 I14 88.44 -47.13 38.24	0328 J14 28.66 47.16 -29.19
15	0248 A15 29.09 54.38 -47.79	0257 B15 33.85 42.6 -40.5	0266 C15 38.61 30.8 -33.2	0275 D15 43.38 19.01 -25.9	0284 E15 50.44 3.73 -14.64	0293 F15 57.5 -11.53 -3.38	0302 G15 67.95 -21.88 6.6	0311 H15 78.4 -32.22 16.59	0320 I15 88.84 -42.55 26.56	0329 J15 32.46 56.67 -42.14
16	0249 A16 32.89 63.89 -60.74	0258 B16 37.65 52.11 -53.44	0267 C16 42.41 40.31 -46.15	0276 D16 47.17 28.52 -38.84	0285 E16 54.23 13.24 -27.59	0294 F16 61.3 -2.03 -16.33	0303 G16 68.36 -17.3 -5.07	0312 H16 78.81 -27.64 4.91	0321 I16 89.25 -37.98 14.88	0330 J16 36.25 66.18 -55.09
17	0250 A17 36.69 73.4 -73.69	0259 B17 41.45 61.61 -66.4	0268 C17 46.21 49.82 -59.1	0277 D17 50.97 38.03 -51.8	0286 E17 58.03 22.75 -40.54	0295 F17 65.09 7.47 -29.28	0304 G17 72.15 -7.79 -18.02	0313 H17 79.22 -23.07 -6.77	0322 I17 89.66 -33.4 3.2	0331 J17 40.05 75.68 -68.04
18	0251 A18 40.48 82.9 -86.63	0260 B18 45.24 71.11 -79.33	0269 C18 50.0 59.32 -72.03	0278 D18 54.76 47.52 -64.73	0287 E18 61.83 32.25 -53.48	0296 F18 68.89 16.97 -42.22	0305 G18 75.95 1.7 -30.96	0314 H18 83.01 -13.57 -19.7	0323 I18 90.07 -28.83 -8.46	0332 J18 43.85 85.18 -80.98
19	0486 A19 37.88 57.67 48.4	0495 B19 43.14 45.48 51.67	0504 C19 48.41 33.28 54.95	0513 D19 53.68 21.08 58.22	0522 E19 58.95 8.88 61.5	0531 F19 64.22 -3.3 64.77	0540 G19 69.49 -15.5 68.05	0549 H19 79.94 -25.85 78.04	0558 I19 90.39 -36.18 88.02	0567 J19 44.19 67.28 56.47
20	0487 A20 38.73 59.85 33.04	0496 B20 43.49 48.06 40.34	0505 C20 48.76 35.87 43.61	0514 D20 54.03 23.67 46.89	0523 E20 59.3 11.47 50.16	0532 F20 64.57 -0.72 53.44	0541 G20 69.84 -12.92 56.71	0550 H20 80.29 -23.26 66.7	0559 I20 90.73 -33.6 76.68	0568 J20 45.04 69.46 41.11
21	0488 A21 39.58 62.03 17.68	0497 B21 44.34 50.24 24.97	0506 C21 49.1 38.45 32.27	0515 D21 54.37 26.25 35.55	0524 E21 59.64 14.05 38.82	0533 F21 64.91 1.85 42.1	0542 G21 70.18 -10.34 45.37	0551 H21 80.63 -20.68 55.36	0560 I21 91.07 -31.01 65.34	0569 J21 45.89 71.64 25.74
22	0489 A22 40.43 64.21 2.31	0498 B22 45.19 52.42 9.6	0507 C22 49.95 40.63 16.9	0516 D22 54.71 28.84 24.2	0525 E22 59.98 16.64 27.48	0534 F22 65.25 4.44 30.75	0543 G22 70.52 -7.75 34.03	0552 H22 80.98 -18.09 44.01	0561 I22 91.42 -28.43 53.99	0570 J22 46.74 73.82 10.38
23	0490 A23 41.28 66.39 -13.05	0499 B23 46.04 54.6 -5.76	0508 C23 50.8 42.81 1.53	0517 D23 55.57 31.02 8.83	0526 E23 60.33 19.22 16.13	0535 F23 65.6 7.02 19.41	0544 G23 70.87 -5.17 22.68	0553 H23 81.32 -15.51 32.67	0562 I23 91.76 -25.84 42.65	0571 J23 47.59 76.0 -4.98
24	0491 A24 42.13 68.57 -28.42	0500 B24 46.89 56.78 -21.13	0509 C24 51.65 44.99 -13.83	0518 D24 56.42 33.2 -6.53	0527 E24 61.18 21.4 0.76	0536 F24 65.94 9.61 8.06	0545 G24 71.21 -2.58 11.34	0554 H24 81.66 -12.92 21.33	0563 I24 92.11 -23.26 31.31	0572 J24 48.44 78.18 -20.35
25	0492 A25 42.98 70.75 -43.79	0501 B25 47.74 58.96 -36.5	0510 C25 52.51 47.17 -29.2	0519 D25 57.27 35.38 -21.9	0528 E25 62.03 23.58 -14.6	0537 F25 66.79 11.79 -7.3	0546 G25 71.57 0.0 -0.01	0555 H25 82.01 -10.34 9.98	0564 I25 92.45 -20.67 19.96	0573 J25 49.3 80.36 -35.72
26	0493 A26 46.78 80.26 -56.74	0502 B26 51.54 68.47 -49.45	0511 C26 56.3 56.68 -42.15	0520 D26 61.07 44.88 -34.85	0529 E26 65.83 33.09 -27.55	0538 F26 70.59 21.3 -20.25	0547 G26 75.35 9.5 -12.95	0556 H26 82.41 -5.76 -1.69	0565 I26 92.86 -16.1 8.28	0574 J26 50.15 82.54 -51.09
27	0494 A27 50.58 89.76 -69.68	0503 B27 55.33 77.97 -62.38	0512 C27 60.1 66.18 -55.08	0521 D27 64.86 54.38 -47.78	0530 E27 69.62 42.59 -40.48	0539 F27 74.38 30.8 -33.18	0548 G27 79.15 19.0 -25.88	0557 H27 86.21 3.73 -14.63	0566 I27 93.26 -11.53 -3.38	0575 J27 53.94 92.04 -64.03

	K	L	M	N	O	P	Q	R	S	T
01	0090 K01 11.59 -2.58 11.33	0099 L01 22.04 -12.92 21.32	0108 M01 32.49 -23.26 31.3	0117 N01 42.94 -33.61 41.29	0126 O01 53.39 -43.95 51.28	0135 P01 63.84 -54.29 61.27	0144 Q01 74.29 -64.63 71.25	0153 R01 84.74 -74.97 81.23	0162 S01 12.63 19.21 16.13	0171 T01 17.9 7.03 19.4
02	0091 K02 11.94 0.0 -0.01	0100 L02 22.38 -10.34 9.98	0109 M02 32.83 -20.68 19.97	0118 N02 43.28 -31.02 29.96	0127 O02 53.74 -41.37 39.95	0136 P02 64.19 -51.71 49.93	0145 Q02 74.64 -62.05 59.92	0154 R02 85.08 -72.38 69.9	0163 S02 13.48 21.39 0.77	0172 T02 18.24 9.61 8.06
03	0092 K03 15.73 9.5 -12.95	0101 L03 22.79 -5.76 -1.69	0110 M03 33.24 -16.11 8.29	0119 N03 43.69 -26.45 18.28	0128 O03 54.14 -36.79 28.27	0137 P03 64.59 -47.13 38.25	0146 Q03 75.05 -57.48 48.24	0155 R03 85.49 -67.81 58.22	0164 S03 14.33 23.57 -14.59	0173 T03 19.09 11.79 -7.3
04	0093 K04 19.53 19.01 -25.9	0102 L04 26.59 3.73 -14.64	0111 M04 33.65 -11.53 -3.38	0120 N04 44.1 -21.88 6.6	0129 O04 54.55 -32.22 16.59	0138 P04 65.0 -42.56 26.57	0147 Q04 75.45 -52.9 36.56	0156 R04 85.9 -63.24 46.54	0165 S04 18.13 33.08 -27.54	0174 T04 22.89 21.3 -20.25
05	0094 K05 23.32 28.52 -38.84	0103 L05 30.38 13.24 -27.59	0112 M05 37.44 -2.03 -16.33	0121 N05 44.51 -17.3 -5.07	0130 O05 54.96 -27.64 4.91	0139 P05 65.41 -37.99 14.89	0148 Q05 75.86 -48.33 24.88	0157 R05 86.3 -58.66 34.86	0166 S05 21.93 42.59 -40.49	0175 T05 26.69 30.8 -33.2
06	0095 K06 27.12 38.03 -51.8	0104 L06 34.18 22.75 -40.54	0113 M06 41.24 7.47 -29.28	0122 N06 48.3 -7.79 -18.02	0131 O06 55.36 -23.07 -6.77	0140 P06 65.82 -33.41 3.21	0149 Q06 76.27 -43.76 13.2	0158 R06 86.71 -54.09 23.18	0167 S06 25.73 52.1 -53.44	0176 T06 30.49 40.31 -46.15
07	0096 K07 30.92 47.53 -64.75	0105 L07 37.98 32.26 -53.49	0114 M07 45.04 16.98 -42.23	0123 N07 52.1 1.7 -30.97	0132 O07 59.16 -13.56 -19.71	0141 P07 66.22 -28.84 -8.46	0150 Q07 76.68 -39.18 1.52	0159 R07 87.12 -49.52 11.5	0168 S07 29.52 61.6 -66.39	0177 T07 34.28 49.82 -59.1
08	0097 K08 34.71 57.04 -77.69	0106 L08 41.78 41.76 -66.44	0115 M08 48.84 26.49 -55.18	0124 N08 55.9 11.21 -43.92	0133 O08 62.96 -4.06 -32.66	0142 P08 70.02 -19.33 -21.41	0151 Q08 77.08 -34.61 -10.15	0160 R08 87.53 -44.94 -0.17	0169 S08 33.32 71.11 -79.34	0178 T08 38.08 59.33 -72.05
09	0098 K09 38.51 66.54 -90.63	0107 L09 45.57 51.26 -79.38	0116 M09 52.63 35.99 -68.12	0125 N09 59.69 20.71 -56.86	0134 O09 66.75 5.43 -45.6	0143 P09 73.82 -9.83 -34.35	0152 Q09 80.88 -25.11 -23.09	0161 R09 87.93 -40.37 -11.84	0170 S09 37.12 80.61 -92.28	0179 T09 41.87 68.83 -84.98
10	0333 K10 30.52 26.25 35.54	0342 L10 35.79 14.05 38.81	0351 M10 41.06 1.86 42.09	0360 N10 46.33 -10.33 45.36	0369 O10 56.78 -20.68 55.35	0378 P10 67.23 -31.02 65.34	0387 Q10 77.68 -41.36 75.32	0396 R10 88.13 -51.69 85.3	0405 S10 31.57 48.06 40.33	0414 T10 36.83 35.87 43.6
11	0334 K11 30.86 28.84 24.2	0343 L11 36.13 16.64 27.48	0352 M11 41.4 4.44 30.75	0361 N11 46.67 -7.75 34.03	0370 O11 57.13 -18.09 44.01	0379 P11 67.58 -28.43 54.0	0388 Q11 78.03 -38.78 63.99	0397 R11 88.47 -49.11 73.97	0406 S11 32.42 50.23 24.98	0415 T11 37.18 38.45 32.27
12	0335 K12 31.72 31.02 8.83	0344 L12 36.48 19.22 16.13	0353 M12 41.75 7.02 19.41	0362 N12 47.02 -5.17 22.68	0371 O12 57.47 -15.51 32.67	0380 P12 67.92 -25.85 42.66	0389 Q12 78.37 -36.19 52.65	0398 R12 88.81 -46.53 62.62	0407 S12 33.27 52.41 9.61	0416 T12 38.03 40.63 16.9
13	0336 K13 32.57 33.2 -6.53	0345 L13 37.33 21.4 0.76	0354 M13 42.09 9.61 8.06	0363 N13 47.36 -2.58 11.34	0372 O13 57.81 -12.92 21.33	0381 P13 68.26 -23.27 31.31	0390 Q13 78.72 -33.61 41.3	0399 R13 89.16 -43.94 51.28	0408 S13 34.12 54.59 -5.75	0417 T13 38.88 42.81 1.53
14	0337 K14 33.42 35.38 -21.9	0346 L14 38.18 23.58 -14.6	0355 M14 42.94 11.79 -7.3	0364 N14 47.72 0.0 -0.01	0373 O14 58.16 -10.34 9.98	0382 P14 68.61 -20.68 19.97	0391 Q14 79.06 -31.02 29.96	0400 R14 89.5 -41.36 39.94	0409 S14 34.97 56.77 -21.12	0418 T14 39.73 44.99 -13.83
15	0338 K15 37.21 44.88 -34.85	0347 L15 41.98 33.09 -27.55	0356 M15 46.74 21.3 -20.25	0365 N15 51.5 9.5 -12.95	0374 O15 58.56 -5.76 -1.69	0383 P15 69.02 -16.11 8.29	0392 Q15 79.47 -26.45 18.28	0401 R15 89.91 -36.78 28.26	0410 S15 35.82 58.95 -36.49	0419 T15 40.58 47.17 -29.2
16	0339 K16 41.01 54.39 -47.8	0348 L16 45.78 42.6 -40.5	0357 M16 50.54 30.8 -33.2	0366 N16 55.3 19.01 -25.9	0375 O16 62.36 3.73 -14.64	0384 P16 69.42 -11.53 -3.38	0393 Q16 79.87 -21.88 6.6	0402 R16 90.32 -32.21 16.58	0411 S16 39.62 68.46 -49.44	0420 T16 44.38 56.68 -42.15
17	0340 K17 44.81 63.9 -60.75	0349 L17 49.57 52.11 -53.44	0358 M17 54.34 40.31 -46.15	0367 N17 59.1 28.52 -38.84	0376 O17 66.16 13.24 -27.59	0385 P17 73.22 -2.03 -16.33	0394 Q17 80.28 -17.3 -5.07	0403 R17 90.72 -27.64 4.9	0412 S17 43.42 77.97 -62.39	0421 T17 48.18 66.19 -55.1
18	0341 K18 48.6 73.4 -73.68	0350 L18 53.37 61.6 -66.38	0359 M18 58.13 49.81 -59.08	0368 N18 62.89 38.02 -51.78	0377 O18 69.95 22.74 -40.53	0386 P18 77.01 7.46 -29.27	0395 Q18 84.08 -7.8 -18.01	0404 R18 91.13 -23.07 -6.76	0413 S18 47.21 87.47 -75.33	0422 T18 51.97 75.68 -68.03
19	0576 K19 49.45 55.09 59.74	0585 L19 54.72 42.9 63.02	0594 M19 59.99 30.7 66.29	0603 N19 65.26 18.5 69.57	0612 O19 70.53 6.3 72.84	0621 P19 75.8 -5.89 76.12	0630 Q19 81.07 -18.09 79.39	0639 R19 91.52 -28.42 89.37	0648 S19 50.49 76.89 64.53	0657 T19 55.76 64.7 67.8
20	0577 K20 49.8 57.68 48.41	0586 L20 55.07 45.48 51.68	0595 M20 60.34 33.28 54.96	0604 N20 65.61 21.08 58.23	0613 O20 70.88 8.88 61.51	0622 P20 76.15 -3.31 64.78	0631 Q20 81.42 -15.51 68.06	0640 R20 91.86 -25.84 78.04	0649 S20 51.35 79.07 49.18	0658 T20 56.1 67.28 56.47
21	0578 K21 50.65 59.86 33.04	0587 L21 55.41 48.06 40.34	0596 M21 60.68 35.87 43.61	0605 N21 65.95 23.67 46.89	0614 O21 71.22 11.47 50.16	0623 P21 76.49 -0.72 53.44	0632 Q21 81.76 -12.92 56.71	0641 R21 92.2 -23.25 66.69	0650 S21 52.2 81.25 33.81	0659 T21 56.95 69.46 41.1
22	0579 K22 51.5 62.04 17.67	0588 L22 56.26 50.24 24.97	0597 M22 61.03 38.45 32.27	0606 N22 66.3 26.25 35.55	0615 O22 71.57 14.05 38.82	0624 P22 76.84 1.85 42.1	0633 Q22 82.11 -10.34 45.37	0642 R22 92.55 -20.67 55.35	0651 S22 53.05 83.43 18.44	0660 T22 57.81 71.64 25.73
23	0580 K23 52.35 64.22 2.3	0589 L23 57.11 52.42 9.6	0598 M23 61.88 40.63 16.9	0607 N23 66.64 28.84 24.2	0616 O23 71.91 16.64 27.48	0625 P23 77.18 4.44 30.75	0634 Q23 82.45 -7.75 34.03	0643 R23 92.89 -18.08 44.01	0652 S23 53.9 85.61 3.07	0661 T23 58.66 73.82 10.36
24	0581 K24 53.2 66.4 -13.06	0590 L24 57.96 54.6 -5.76	0599 M24 62.73 42.81 1.53	0608 N24 67.49 31.02 8.83	0617 O24 72.25 19.22 16.13	0626 P24 77.52 7.02 19.41	0635 Q24 82.79 -5.17 22.68	0644 R24 93.24 -15.5 32.66	0653 S24 54.75 87.79 -12.29	0662 T24 59.51 76.0 -5.0
25	0582 K25 54.05 68.58 -28.43	0591 L25 58.82 56.78 -21.13	0600 M25 63.58 44.99 -13.83	0609 N25 68.34 33.2 -6.53	0618 O25 73.1 21.4 0.76	0627 P25 77.87 9.61 8.06	0636 Q25 83.14 -2.58 11.34	0645 R25 93.58 -12.91 21.32	0654 S25 55.6 89.97 -27.66	0663 T25 60.36 78.18 -20.36
26	0583 K26 54.91 70.76 -43.8	0592 L26 59.67 58.96 -36.5	0601 M26 64.43 47.17 -29.2	0610 N26 69.19 35.38 -21.9	0619 O26 73.96 23.58 -14.6	0628 P26 78.72 11.79 -7.3	0637 Q26 83.49 0.0 -0.01	0646 R26 93.92 -10.33 9.97	0655 S26 56.45 92.15 -43.03	0664 T26 61.21 80.36 -35.73
27	0584 K27 58.7 80.26 -56.73	0593 L27 63.46 68.46 -49.43	0602 M27 68.22 56.67 -42.13	0611 N27 72.99 44.88 -34.83	0620 O27 77.75 33.08 -27.53	0629 P27 82.51 21.29 -20.23	0638 Q27 87.27 9.49 -12.93	0647 R27 94.33 -5.76 -1.69	0656 S27 57.3 94.33 -58.38	0665 T27 62.06 82.54 -51.09

	U	V	W	X	Y	Z	a	b	c	d
01	0180 U01 23.17 -5.16 22.67	0189 V01 33.62 -15.51 32.66	0198 W01 44.07 -25.85 42.65	0207 X01 54.52 -36.19 52.64	0216 Y01 64.97 -46.53 62.62	0225 Z01 75.42 -56.88 72.61	0234 a01 85.87 -67.21 82.59	0729 b01 95.41 0.0 -0.01	0738 c01 89.79 9.6 8.06	0747 d01 84.17 19.21 16.13
02	0181 U02 23.51 -2.58 11.34	0190 V02 33.96 -12.92 21.33	0199 W02 44.41 -23.27 31.31	0208 X02 54.87 -33.61 41.3	0217 Y02 65.32 -43.95 51.29	0226 Z02 75.77 -54.29 61.28	0235 a02 86.21 -64.63 71.26	0730 b02 94.33 -5.76 -1.69	0739 c02 83.49 0.0 -0.01	0748 d02 77.87 9.61 8.06
03	0182 U03 23.87 0.0 -0.01	0191 V03 34.31 -10.34 9.98	0200 W03 44.76 -20.68 19.97	0209 X03 55.21 -31.02 29.96	0218 Y03 65.66 -41.37 39.95	0227 Z03 76.11 -51.71 49.93	0236 a03 86.55 -62.04 59.91	0731 b03 93.26 -11.53 -3.38	0740 c03 82.41 -5.76 -1.69	0749 d03 71.57 0.0 -0.01
04	0183 U04 27.65 9.5 -12.95	0192 V04 34.71 -5.76 -1.69	0201 W04 45.17 -16.11 8.29	0210 X04 55.62 -26.45 18.28	0219 Y04 66.07 -36.79 28.27	0228 Z04 76.52 -47.13 38.25	0237 a04 86.96 -57.47 48.23	0732 b04 92.2 -17.3 -5.07	0741 c04 81.35 -11.53 -3.38	0750 d04 70.49 -5.76 -1.69
05	0184 U05 31.45 19.01 -25.9	0193 V05 38.51 3.73 -14.64	0202 W05 45.57 -11.53 -3.38	0211 X05 56.02 -21.88 6.6	0220 Y05 66.48 -32.22 16.59	0229 Z05 76.93 -42.56 26.57	0238 a05 87.37 -52.89 36.55	0733 b05 91.13 -23.07 -6.76	0742 c05 80.28 -17.3 -5.07	0751 d05 69.42 -11.53 -3.38
06	0185 U06 35.25 28.52 -38.84	0194 V06 42.31 13.24 -27.59	0203 W06 49.37 -2.03 -16.33	0212 X06 56.43 -17.3 -5.07	0221 Y06 66.88 -27.64 4.91	0230 Z06 77.33 -37.99 14.89	0239 a06 87.78 -48.32 24.87	0734 b06 90.07 -28.83 -8.46	0743 c06 79.22 -23.07 -6.77	0752 d06 68.36 -17.3 -5.07
07	0186 U07 39.05 38.03 -51.8	0195 V07 46.11 22.75 -40.54	0204 W07 53.17 7.47 -29.28	0213 X07 60.23 -7.79 -18.02	0222 Y07 67.29 -23.07 -6.77	0231 Z07 77.74 -33.41 3.21	0240 a07 88.18 -43.75 13.19	0735 b07 89.0 -34.6 -10.15	0744 c07 78.15 -28.84 -8.46	0753 d07 67.29 -23.07 -6.77
08	0187 U08 42.84 47.53 -64.75	0196 V08 49.9 32.26 -53.49	0205 W08 56.96 16.98 -42.23	0214 X08 64.03 1.7 -30.97	0223 Y08 71.09 -13.56 -19.71	0232 Z08 78.15 -28.84 -8.46	0241 a08 88.59 -39.17 1.51	0736 b08 87.93 -40.37 -11.84	0745 c08 77.08 -34.61 -10.15	0754 d08 66.22 -28.84 -8.46
09	0188 U09 46.64 57.03 -77.68	0197 V09 53.7 41.76 -66.43	0206 W09 60.76 26.48 -55.17	0215 X09 67.82 11.2 -43.91	0224 Y09 74.88 -4.06 -32.65	0233 Z09 81.94 -19.34 -21.4	0242 a09 89.0 -34.6 -10.15	0737 b09 86.87 -46.14 -13.53	0746 c09 76.02 -40.37 -11.84	0755 d09 65.16 -34.6 -10.15
10	0423 U10 42.1 23.67 46.88	0432 V10 47.37 11.47 50.15	0441 W10 52.64 -0.72 53.43	0450 X10 57.91 -12.92 56.7	0459 Y10 68.36 -23.26 66.69	0468 Z10 78.81 -33.6 76.68	0477 a10 89.26 -43.94 86.66	0810 b10 95.41 0.0 -0.01	0819 c10 95.05 -2.58 11.33	0828 d10 94.71 -5.16 22.67
11	0424 U11 42.44 26.25 35.55	0433 V11 47.71 14.05 38.82	0442 W11 52.99 1.85 42.1	0451 X11 58.26 -10.34 45.37	0460 Y11 68.71 -20.68 55.36	0469 Z11 79.16 -31.02 65.35	0478 a11 89.6 -41.35 75.32	0811 b11 87.27 9.49 -12.93	0820 c11 83.49 0.0 -0.01	0829 d11 83.14 -2.58 11.34
12	0425 U12 42.79 28.84 24.2	0434 V12 48.06 16.64 27.48	0443 W12 53.33 4.44 30.75	0452 X12 58.6 -7.75 34.03	0461 Y12 69.05 -18.09 44.01	0470 Z12 79.5 -28.43 54.0	0479 a12 89.94 -38.77 63.98	0812 b12 79.15 19.0 -25.88	0821 c12 75.35 9.5 -12.95	0830 d12 71.57 0.0 -0.01
13	0426 U13 43.64 31.02 8.83	0435 V13 48.4 19.22 16.13	0444 W13 53.67 7.02 19.41	0453 X13 58.94 -5.17 22.68	0462 Y13 69.39 -15.51 32.67	0471 Z13 79.85 -25.85 42.66	0480 a13 90.29 -36.18 52.64	0813 b13 71.02 28.51 -38.83	0822 c13 67.23 19.01 -25.9	0831 d13 63.43 9.5 -12.95
14	0427 U14 44.49 33.2 -6.53	0436 V14 49.25 21.4 0.76	0445 W14 54.02 9.61 8.06	0454 X14 59.29 -2.58 11.34	0463 Y14 69.74 -12.92 21.33	0472 Z14 80.19 -23.27 31.31	0481 a14 90.63 -33.6 41.29	0814 b14 62.89 38.02 -51.78	0823 c14 59.1 28.52 -38.84	0832 d14 55.3 19.01 -25.9
15	0428 U15 45.34 35.38 -21.9	0437 V15 50.11 23.58 -14.6	0446 W15 54.87 11.79 -7.3	0455 X15 59.64 0.0 -0.01	0464 Y15 70.08 -10.34 9.98	0473 Z15 80.53 -20.68 19.97	0482 a15 90.98 -31.01 29.95	0815 b15 54.76 47.52 -64.73	0824 c15 50.97 38.03 -51.8	0833 d15 47.17 28.52 -38.84
16	0429 U16 49.14 44.88 -34.85	0438 V16 53.9 33.09 -27.55	0447 W16 58.67 21.3 -20.25	0456 X16 63.43 9.5 -12.95	0465 Y16 70.49 -5.76 -1.69	0474 Z16 80.94 -16.11 8.29	0483 a16 91.38 -26.44 18.27	0816 b16 46.64 57.03 -77.68	0825 c16 42.84 47.53 -64.75	0834 d16 39.05 38.03 -51.8
17	0430 U17 52.94 54.39 -47.8	0439 V17 57.7 42.6 -40.5	0448 W17 62.46 30.8 -33.2	0457 X17 67.23 19.01 -25.9	0466 Y17 74.29 3.73 -14.64	0475 Z17 81.35 -11.53 -3.38	0484 a17 91.79 -21.87 6.59	0817 b17 38.51 66.54 -90.63	0826 c17 34.71 57.04 -77.69	0835 d17 30.92 47.53 -64.75
18	0431 U18 56.73 63.89 -60.73	0440 V18 61.49 52.1 -53.43	0449 W18 66.26 40.3 -46.13	0458 X18 71.02 28.51 -38.83	0467 Y18 78.08 13.23 -27.58	0476 Z18 85.14 -2.03 -16.32	0485 a18 92.2 -17.3 -5.07	0818 b18 30.39 76.04 -103.57	0827 c18 26.59 66.54 -90.63	0836 d18 22.8 57.03 -77.68
19	0666 U19 61.03 52.5 71.08	0675 V19 66.3 40.3 74.35	0684 W19 71.57 28.1 77.63	0693 X19 76.84 15.91 80.9	0702 Y19 82.11 3.71 84.18	0711 Z19 87.38 -8.48 87.45	0720 a19 92.65 -20.67 90.73	0891 b19 95.41 0.0 -0.01	0900 c19 93.92 -10.33 9.97	0909 d19 92.45 -20.67 19.96
20	0667 U20 61.37 55.08 59.74	0676 V20 66.64 42.89 63.02	0685 W20 71.91 30.69 66.29	0694 X20 77.18 18.49 69.57	0703 Y20 82.45 6.29 72.84	0712 Z20 87.72 -5.9 76.12	0721 a20 92.99 -18.09 79.39	0892 b20 90.64 11.78 -7.29	0901 c20 83.49 0.0 -0.01	0910 d20 82.01 -10.34 9.98
21	0668 U21 61.72 57.67 48.4	0677 V21 66.99 45.47 51.68	0686 W21 72.26 33.27 54.95	0695 X21 77.53 21.07 58.23	0704 Y21 82.8 8.87 61.5	0713 Z21 88.07 -3.31 64.78	0722 a21 93.33 -15.5 68.05	0893 b21 85.87 23.57 -14.59	0902 c21 78.72 11.79 -7.3	0911 d21 71.57 0.0 -0.01
22	0669 U22 62.57 59.85 33.03	0678 V22 67.33 48.06 40.33	0687 W22 72.6 35.86 43.61	0696 X22 77.87 23.66 46.88	0705 Y22 83.14 11.46 50.16	0714 Z22 88.41 -0.73 53.43	0723 a22 93.68 -12.92 56.7	0894 b22 81.11 35.37 -21.89	0903 c22 73.96 23.58 -14.6	0912 d22 66.79 11.79 -7.3
23	0670 U23 63.42 62.03 17.66	0679 V23 68.18 50.24 24.96	0688 W23 72.94 38.44 32.26	0697 X23 78.21 26.24 35.54	0706 Y23 83.48 14.04 38.81	0715 Z23 88.75 1.85 42.09	0724 a23 94.02 -10.33 45.36	0895 b23 76.35 47.16 -29.19	0904 c23 69.19 35.38 -21.9	0913 d23 62.03 23.58 -14.6
24	0671 U24 64.27 64.21 2.29	0680 V24 69.03 52.42 9.59	0689 W24 73.8 40.62 16.89	0698 X24 78.56 28.83 24.19	0707 Y24 83.83 16.63 27.47	0716 Z24 89.1 4.43 30.74	0725 a24 94.36 -7.75 34.02	0896 b24 71.59 58.95 -36.49	0905 c24 64.43 47.17 -29.2	0914 d24 57.27 35.38 -21.9
25	0672 U25 65.12 66.39 -13.06	0681 V25 69.88 54.6 -5.76	0690 W25 74.65 42.8 1.53	0699 X25 79.41 31.01 8.83	0708 Y25 84.17 19.21 16.13	0717 Z25 89.44 7.02 19.4	0726 a25 94.71 -5.16 22.67	0897 b25 66.82 70.75 -43.79	0906 c25 59.67 58.96 -36.5	0915 d25 52.51 47.17 -29.2
26	0673 U26 65.97 68.57 -28.43	0682 V26 70.74 56.78 -21.13	0691 W26 75.5 44.98 -13.83	0700 X26 80.26 33.19 -6.53	0709 Y26 85.02 21.39 0.76	0718 Z26 89.79 9.6 8.06	0727 a26 95.05 -2.58 11.33	0898 b26 62.06 82.54 -51.09	0907 c26 54.91 70.76 -43.8	0916 d26 47.74 58.96 -36.5
27	0674 U27 66.82 70.75 -43.79	0683 V27 71.59 58.95 -36.49	0692 W27 76.35 47.16 -29.19	0701 X27 81.11 35.37 -21.89	0710 Y27 85.87 23.57 -14.59	0719 Z27 90.64 11.78 -7.29	0728 a27 95.41 0.0 -0.01	0899 b27 57.3 94.33 -58.38	0908 c27 50.15 82.54 -51.09	0917 d27 42.98 70.75 -43.79

	e	f	g	h	i	j	k	l	m	n
01	0756 e01 78.56 28.83 24.19	0765 f01 72.94 38.44 32.26	0774 g01 67.33 48.06 40.33	0783 h01 61.72 57.67 48.4	0792 i01 56.1 67.28 56.47	0801 j01 50.49 76.89 64.53	0972 k01 0.03 0.0 -0.01	0981 l01 0.03 0.0 -0.01	0990 m01 0.03 0.0 -0.01	0999 n01 0.03 0.0 -0.01
02	0757 e02 72.25 19.22 16.13	0766 f02 66.64 28.84 24.2	0775 g02 61.03 38.45 32.27	0784 h02 55.41 48.06 40.34	0793 i02 49.8 57.68 48.41	0802 j02 44.19 67.28 56.47	0973 k02 11.94 0.0 -0.01	0982 l02 11.94 0.0 -0.01	0991 m02 11.94 0.0 -0.01	1000 n02 11.94 0.0 -0.01
03	0758 e03 65.94 9.61 8.06	0767 f03 60.33 19.22 16.13	0776 g03 54.71 28.84 24.2	0785 h03 49.1 38.45 32.27	0794 i03 43.49 48.06 40.34	0803 j03 37.88 57.67 48.4	0974 k03 23.87 0.0 -0.01	0983 l03 23.87 0.0 -0.01	0992 m03 23.87 0.0 -0.01	1001 n03 23.87 0.0 -0.01
04	0759 e04 59.64 0.0 -0.01	0768 f04 54.02 9.61 8.06	0777 g04 48.4 19.22 16.13	0786 h04 42.79 28.84 24.2	0795 i04 37.18 38.45 32.27	0804 j04 31.57 48.06 40.33	0975 k04 35.79 0.0 -0.01	0984 l04 35.79 0.0 -0.01	0993 m04 35.79 0.0 -0.01	1002 n04 35.79 0.0 -0.01
05	0760 e05 58.56 -5.76 -1.69	0769 f05 47.72 0.0 -0.01	0778 g05 42.09 9.61 8.06	0787 h05 36.48 19.22 16.13	0796 i05 30.86 28.84 24.2	0805 j05 25.25 38.44 32.26	0976 k05 47.72 0.0 -0.01	0985 l05 47.72 0.0 -0.01	0994 m05 47.72 0.0 -0.01	1003 n05 47.72 0.0 -0.01
06	0761 e06 57.5 -11.53 -3.38	0770 f06 46.64 -5.76 -1.69	0779 g06 35.79 0.0 -0.01	0788 h06 30.17 9.61 8.06	0797 i06 24.55 19.22 16.13	0806 j06 18.94 28.83 24.19	0977 k06 59.64 0.0 -0.01	0986 l06 59.64 0.0 -0.01	0995 m06 59.64 0.0 -0.01	1004 n06 59.64 0.0 -0.01
07	0762 e07 56.43 -17.3 -5.07	0771 f07 45.57 -11.53 -3.38	0780 g07 34.71 -5.76 -1.69	0789 h07 23.87 0.0 -0.01	0798 i07 18.24 9.61 8.06	0807 j07 12.63 19.21 16.13	0978 k07 71.57 0.0 -0.01	0987 l07 71.57 0.0 -0.01	0996 m07 71.57 0.0 -0.01	1005 n07 71.57 0.0 -0.01
08	0763 e08 55.36 -23.07 -6.77	0772 f08 44.51 -17.3 -5.07	0781 g08 33.65 -11.53 -3.38	0790 h08 22.79 -5.76 -1.69	0799 i08 11.94 0.0 -0.01	0808 j08 6.32 9.6 8.06	0979 k08 83.49 0.0 -0.01	0988 l08 83.49 0.0 -0.01	0997 m08 83.49 0.0 -0.01	1006 n08 83.49 0.0 -0.01
09	0764 e09 54.3 -28.83 -8.46	0773 f09 43.44 -23.07 -6.76	0782 g09 32.58 -17.3 -5.07	0791 h09 21.72 -11.53 -3.38	0800 i09 10.86 -5.76 -1.69	0809 j09 0.03 0.0 -0.01	0980 k09 95.41 0.0 -0.01	0989 l09 95.41 0.0 -0.01	0998 m09 95.41 0.0 -0.01	1007 n09 95.41 0.0 -0.01
10	0837 e10 94.36 -7.75 34.02	0846 f10 94.02 -10.33 45.36	0855 g10 93.68 -12.92 56.7	0864 h10 93.33 -15.5 68.05	0873 i10 92.99 -18.09 79.39	0882 j10 92.65 -20.67 90.73	1008 k10 0.03 0.0 -0.01	1024 l10 0.03 0.0 -0.01	1040 m10 0.03 0.0 -0.01	1056 n10 0.03 0.0 -0.01
11	0838 e11 82.79 -5.17 22.68	0847 f11 82.45 -7.75 34.03	0856 g11 82.11 -10.34 45.37	0865 h11 81.76 -12.92 56.71	0874 i11 81.42 -15.51 68.06	0883 j11 81.07 -18.09 79.39	1009 k11 6.38 0.0 -0.01	1025 l11 6.38 0.0 -0.01	1041 m11 6.38 0.0 -0.01	1057 n11 6.38 0.0 -0.01
12	0839 e12 71.21 -2.58 11.34	0848 f12 70.87 -5.17 22.68	0857 g12 70.52 -7.75 34.03	0866 h12 70.18 -10.34 45.37	0875 i12 69.84 -12.92 56.71	0884 j12 69.49 -15.5 68.05	1010 k12 12.74 0.0 -0.01	1026 l12 12.74 0.0 -0.01	1042 m12 12.74 0.0 -0.01	1058 n12 12.74 0.0 -0.01
13	0840 e13 59.64 0.0 -0.01	0849 f13 59.29 -2.58 11.34	0858 g13 58.94 -5.17 22.68	0867 h13 58.6 -7.75 34.03	0876 i13 58.26 -10.34 45.37	0885 j13 57.91 -12.92 56.7	1011 k13 19.1 0.0 -0.01	1027 l13 19.1 0.0 -0.01	1043 m13 19.1 0.0 -0.01	1059 n13 19.1 0.0 -0.01
14	0841 e14 51.5 9.5 -12.95	0850 f14 47.72 0.0 -0.01	0859 g14 47.36 -2.58 11.34	0868 h14 47.02 -5.17 22.68	0877 i14 46.67 -7.75 34.03	0886 j14 46.33 -10.33 45.36	1012 k14 25.46 0.0 -0.01	1028 l14 25.46 0.0 -0.01	1044 m14 25.46 0.0 -0.01	1060 n14 25.46 0.0 -0.01
15	0842 e15 43.38 19.01 -25.9	0851 f15 39.58 9.5 -12.95	0860 g15 35.79 0.0 -0.01	0869 h15 35.44 -2.58 11.34	0878 i15 35.09 -5.17 22.68	0887 j15 34.75 -7.75 34.02	1013 k15 31.82 0.0 -0.01	1029 l15 31.82 0.0 -0.01	1045 m15 31.82 0.0 -0.01	1061 n15 31.82 0.0 -0.01
16	0843 e16 35.25 28.52 -38.84	0852 f16 31.45 19.01 -25.9	0861 g16 27.65 9.5 -12.95	0870 h16 23.87 0.0 -0.01	0879 i16 23.51 -2.58 11.34	0888 j16 23.17 -5.16 22.67	1014 k16 38.18 0.0 -0.01	1030 l16 38.18 0.0 -0.01	1046 m16 38.18 0.0 -0.01	1062 n16 38.18 0.0 -0.01
17	0844 e17 27.12 38.03 -51.8	0853 f17 23.32 28.52 -38.84	0862 g17 19.53 19.01 -25.9	0871 h17 15.73 9.5 -12.95	0880 i17 11.94 0.0 -0.01	0889 j17 11.59 -2.58 11.33	1015 k17 44.54 0.0 -0.01	1031 l17 44.54 0.0 -0.01	1047 m17 44.54 0.0 -0.01	1063 n17 44.54 0.0 -0.01
18	0845 e18 19.0 47.52 -64.73	0854 f18 15.2 38.02 -51.78	0863 g18 11.4 28.51 -38.83	0872 h18 7.61 19.0 -25.88	0881 i18 3.81 9.49 -12.93	0890 j18 0.03 0.0 -0.01	1016 k18 50.9 0.0 -0.01	1032 l18 50.9 0.0 -0.01	1048 m18 50.9 0.0 -0.01	1064 n18 50.9 0.0 -0.01
19	0918 e19 90.98 -31.01 29.95	0927 f19 89.5 -41.36 39.94	0936 g19 88.03 -51.7 49.92	0945 h19 86.55 -62.04 59.91	0954 i19 85.08 -72.38 69.9	0963 j19 83.61 -82.72 79.88	1017 k19 57.26 0.0 -0.01	1033 l19 57.26 0.0 -0.01	1049 m19 57.26 0.0 -0.01	1065 n19 57.26 0.0 -0.01
20	0919 e20 80.53 -20.68 19.97	0928 f20 79.06 -31.02 29.96	0937 g20 77.59 -41.37 39.95	0946 h20 76.11 -51.71 49.93	0955 i20 74.64 -62.05 59.92	0964 j20 73.16 -72.38 69.9	1018 k20 63.62 0.0 -0.01	1034 l20 63.62 0.0 -0.01	1050 m20 63.62 0.0 -0.01	1066 n20 63.62 0.0 -0.01
21	0920 e21 70.08 -10.34 9.98	0929 f21 68.61 -20.68 19.97	0938 g21 67.13 -31.02 29.96	0947 h21 65.66 -41.37 39.95	0956 i21 64.19 -51.71 49.93	0965 j21 62.71 -62.04 59.91	1019 k21 69.98 0.0 -0.01	1035 l21 69.98 0.0 -0.01	1051 m21 69.98 0.0 -0.01	1067 n21 69.98 0.0 -0.01
22	0921 e22 59.64 0.0 -0.01	0930 f22 58.16 -10.34 9.98	0939 g22 56.68 -20.68 19.97	0948 h22 55.21 -31.02 29.96	0957 i22 53.74 -41.37 39.95	0966 j22 52.26 -51.7 49.92	1020 k22 76.34 0.0 -0.01	1036 l22 76.34 0.0 -0.01	1052 m22 76.34 0.0 -0.01	1068 n22 76.34 0.0 -0.01
23	0922 e23 54.87 11.79 -7.3	0931 f23 47.72 0.0 -0.01	0940 g23 46.23 -10.34 9.98	0949 h23 44.76 -20.68 19.97	0958 i23 43.28 -31.02 29.96	0967 j23 41.81 -41.36 39.94	1021 k23 82.7 0.0 -0.01	1037 l23 82.7 0.0 -0.01	1053 m23 82.7 0.0 -0.01	1069 n23 82.7 0.0 -0.01
24	0923 e24 50.11 23.58 -14.6	0932 f24 42.94 11.79 -7.3	0941 g24 35.79 0.0 -0.01	0950 h24 34.31 -10.34 9.98	0959 i24 32.83 -20.68 19.97	0968 j24 31.36 -31.01 29.95	1022 k24 89.06 0.0 -0.01	1038 l24 89.06 0.0 -0.01	1054 m24 89.06 0.0 -0.01	1070 n24 89.06 0.0 -0.01
25	0924 e25 45.34 35.38 -21.9	0933 f25 38.18 23.58 -14.6	0942 g25 31.02 11.79 -7.3	0951 h25 23.87 0.0 -0.01	0960 i25 22.38 -10.34 9.98	0969 j25 20.91 -20.67 19.96	1023 k25 95.41 0.0 -0.01	1039 l25 95.41 0.0 -0.01	1055 m25 95.41 0.0 -0.01	1071 n25 95.41 0.0 -0.01
26	0925 e26 40.58 47.17 -29.2	0934 f26 33.42 35.38 -21.9	0943 g26 26.26 23.58 -14.6	0952 h26 19.09 11.79 -7.3	0961 i26 11.94 0.0 -0.01	0970 j26 10.46 -10.33 9.97	1072 k26 0.03 0.0 -0.01	1074 l26 50.49 76.89 64.53	1076 m26 92.65 -20.67 90.73	1078 n26 83.61 -82.72 79.88
27	0926 e27 35.82 58.95 -36.49	0935 f27 28.66 47.16 -29.19	0944 g27 21.5 35.37 -21.89	0953 h27 14.33 23.57 -14.59	0962 i27 7.17 11.78 -7.29	0971 j27 0.03 0.0 -0.01	1073 k27 95.41 0.0 -0.01	1075 l27 86.87 -46.14 -13.53	1077 m27 30.39 76.04 -103.57	1079 n27 57.3 94.33 -58.38

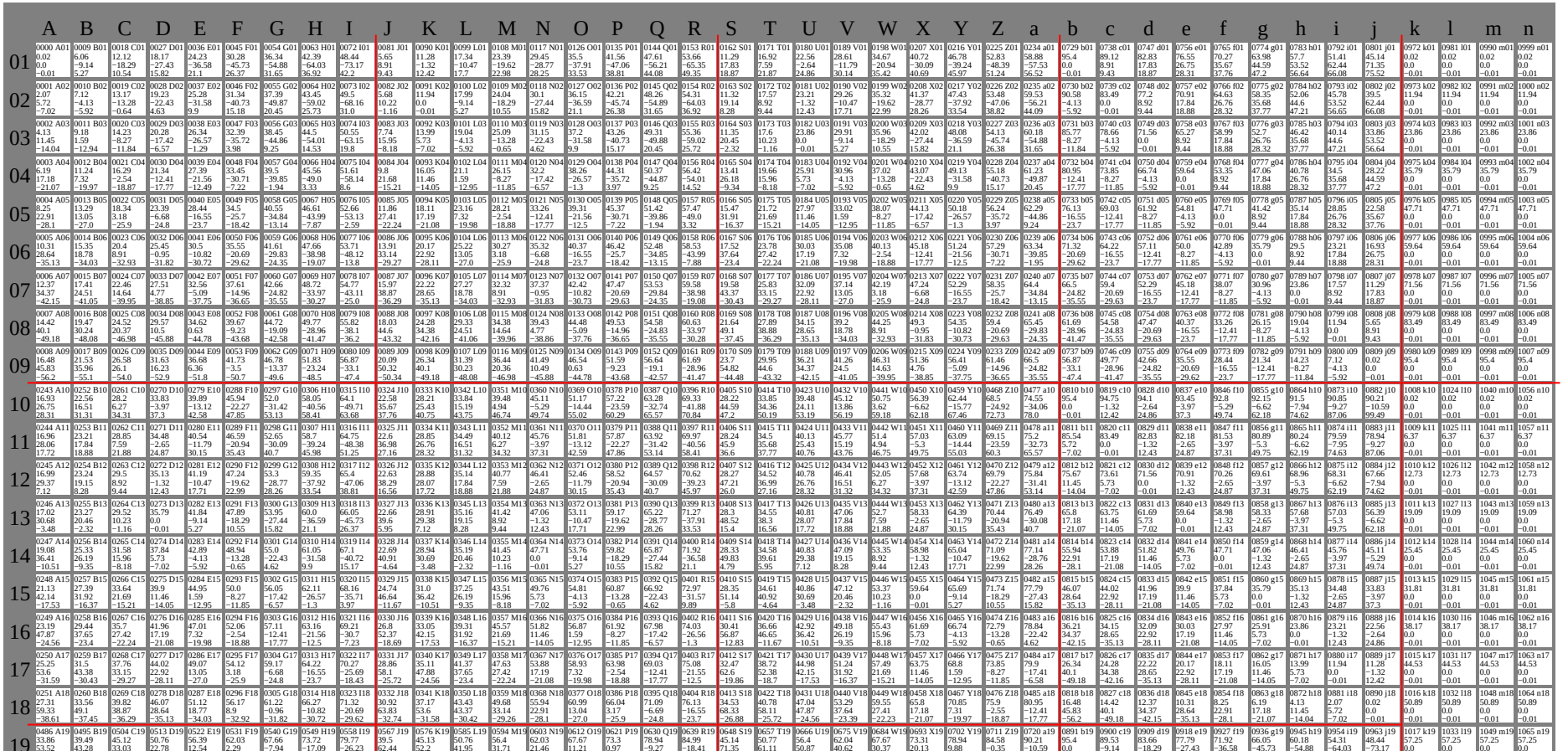
ZG520−7F, Prüfvorlage mit 40x27=1080 Farben; digital gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n): rgb (A−j, n), 000n (k), w (l), nnn0 (m), 5,4mm x 5,4mm, Seite 19/4, TLS52



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1 CIELAB

BAM-Registerung: 20071001-ZG5210L/L52G00FP.PS/.PDF
Anwendung für Bauteilprüfung, Verschleiss und Monitorsysteme

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 20/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB* Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*

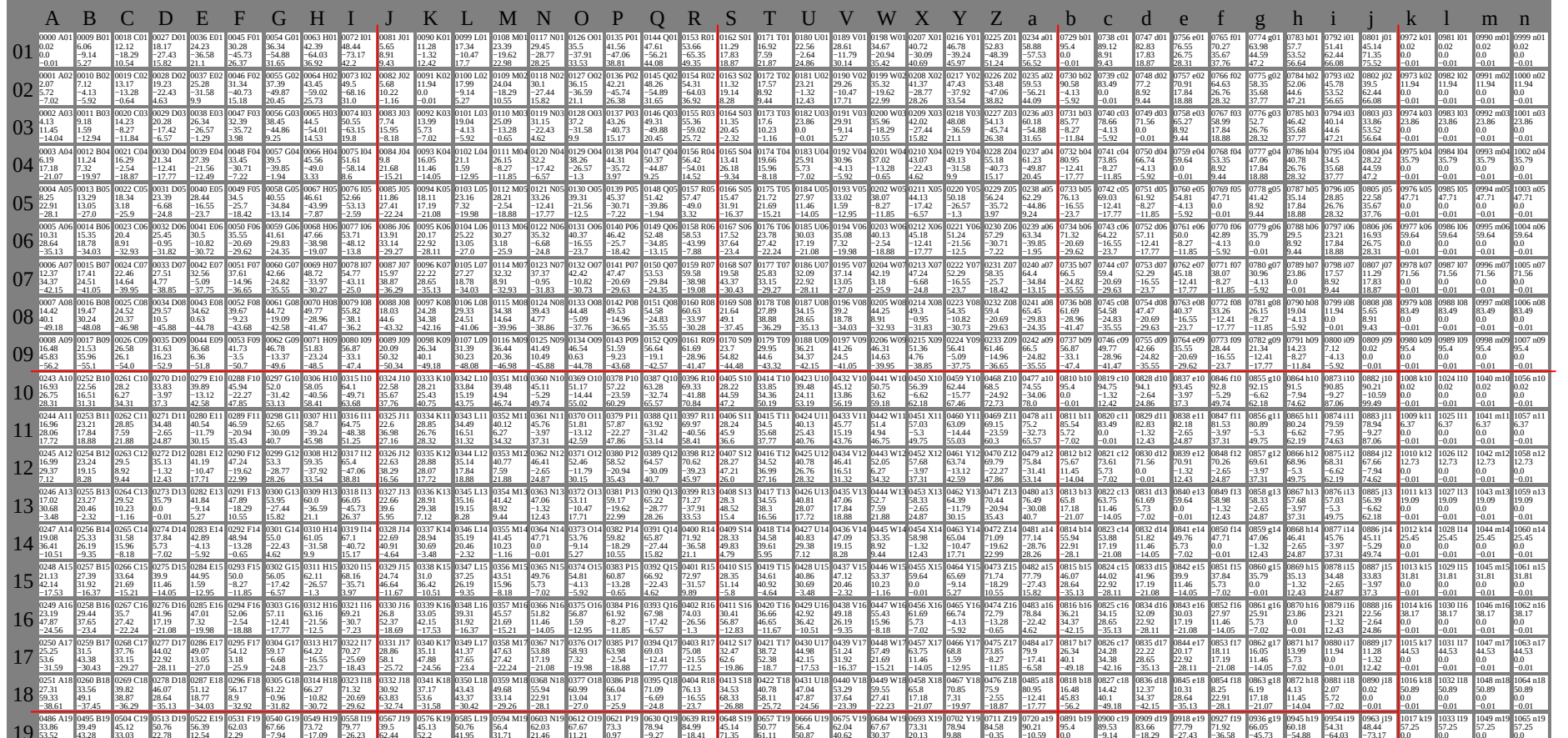


Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de/ZG/; Version 2.1, io=1,1 CIELAB

BAM-Registerung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
Anwendung für Beurteilung von Drucker− oder Monitorsystemen

BAM-Material: Code=rha4ta

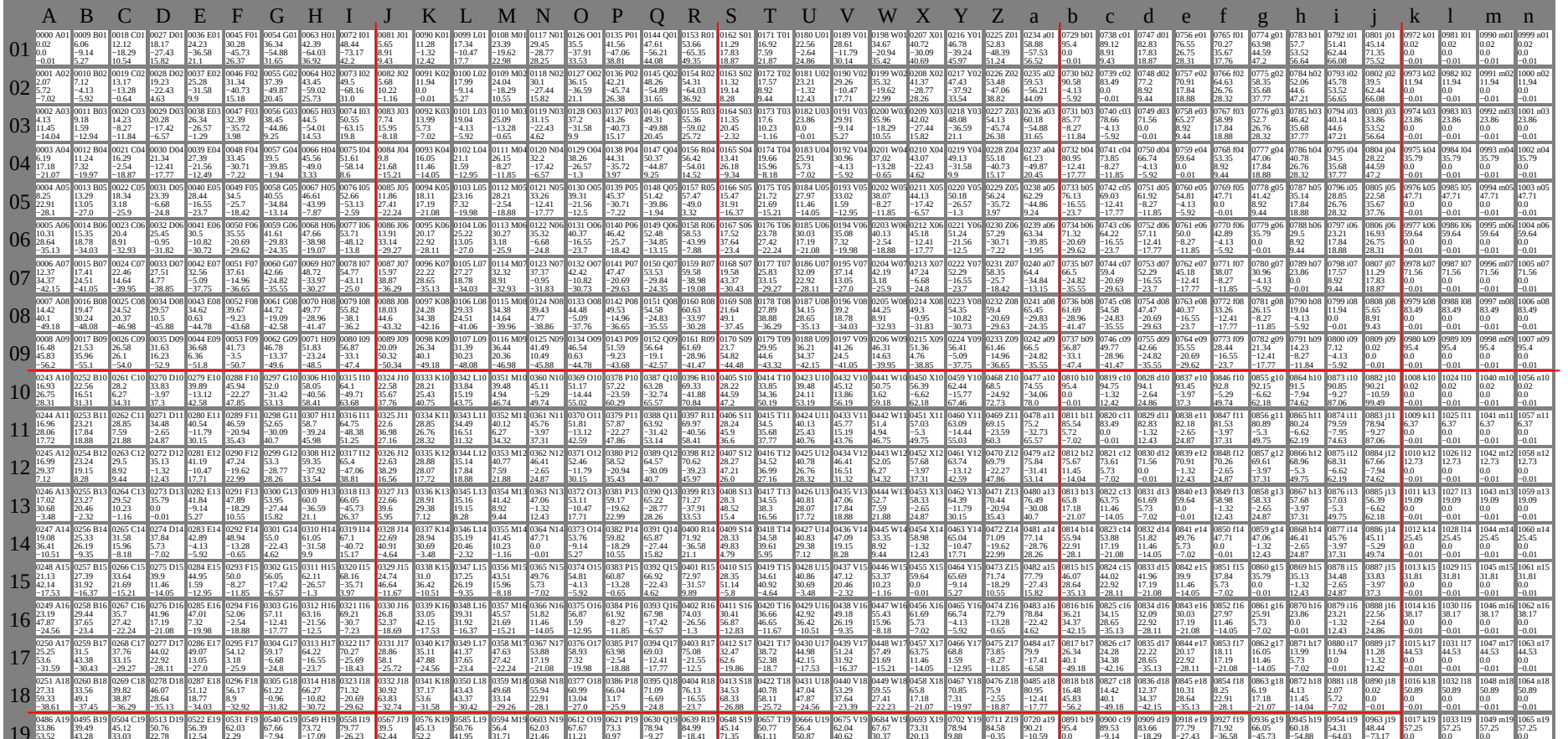
BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 21/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB*Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de/ZG/; Version 2.1, io=1,1 CIELAB

BAM-Registerung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
Anwendung für Bauteilprüfung von Drucker− oder Monitorsystemen

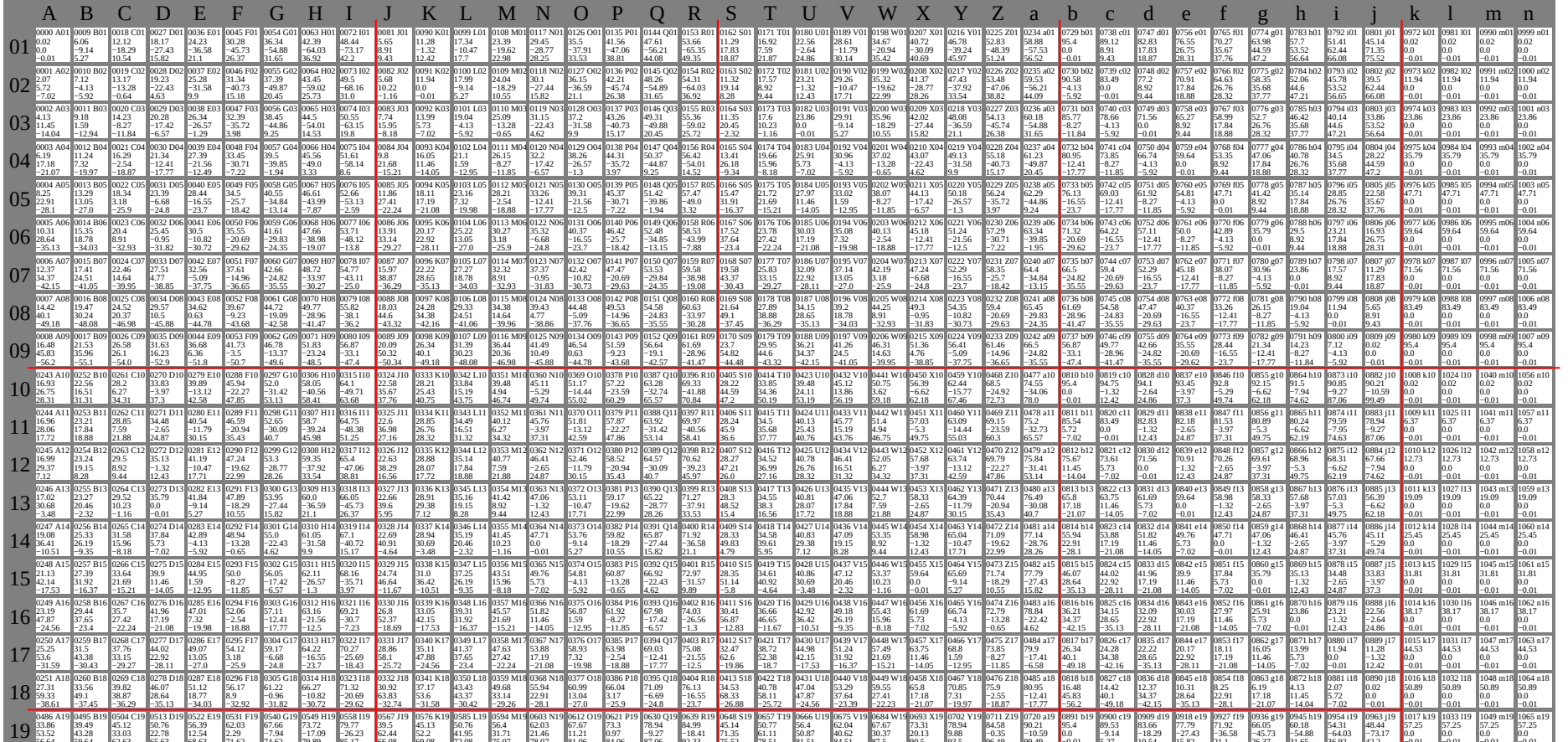
BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 22/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB* Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de/ZG/ Version 2.1, io=1,1, CIELAB

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 23/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB* Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*

BAM-Registerung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
BAM-Material: Code=rha4ta
Anwendung für Bauteilprüfung von Drucker− oder Monitorsystemen

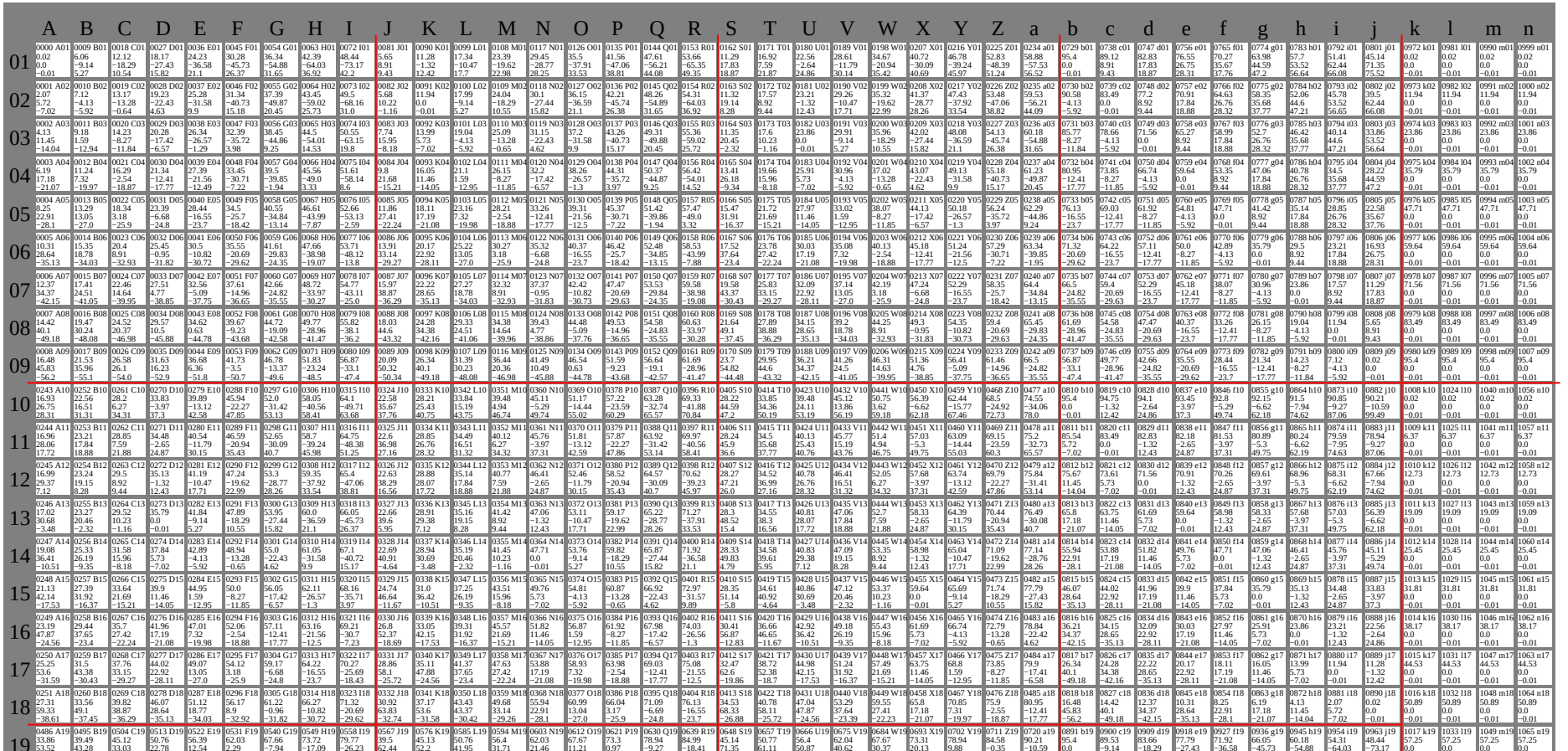


ZG520−7F, Prüfvorlage mit 40x27=1080 Farben; digital gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n): rgb (A−j, n), 000n (k), w (l), nnn0 (m), 5,4mm x 5,4mm, Seite 24/4, OLS18

Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de/ZG/; Version 2.1, io=1,1, CIELAB

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 24/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB*Ausgabe: −>LAB*−>cmyn5* setcmykcolor*

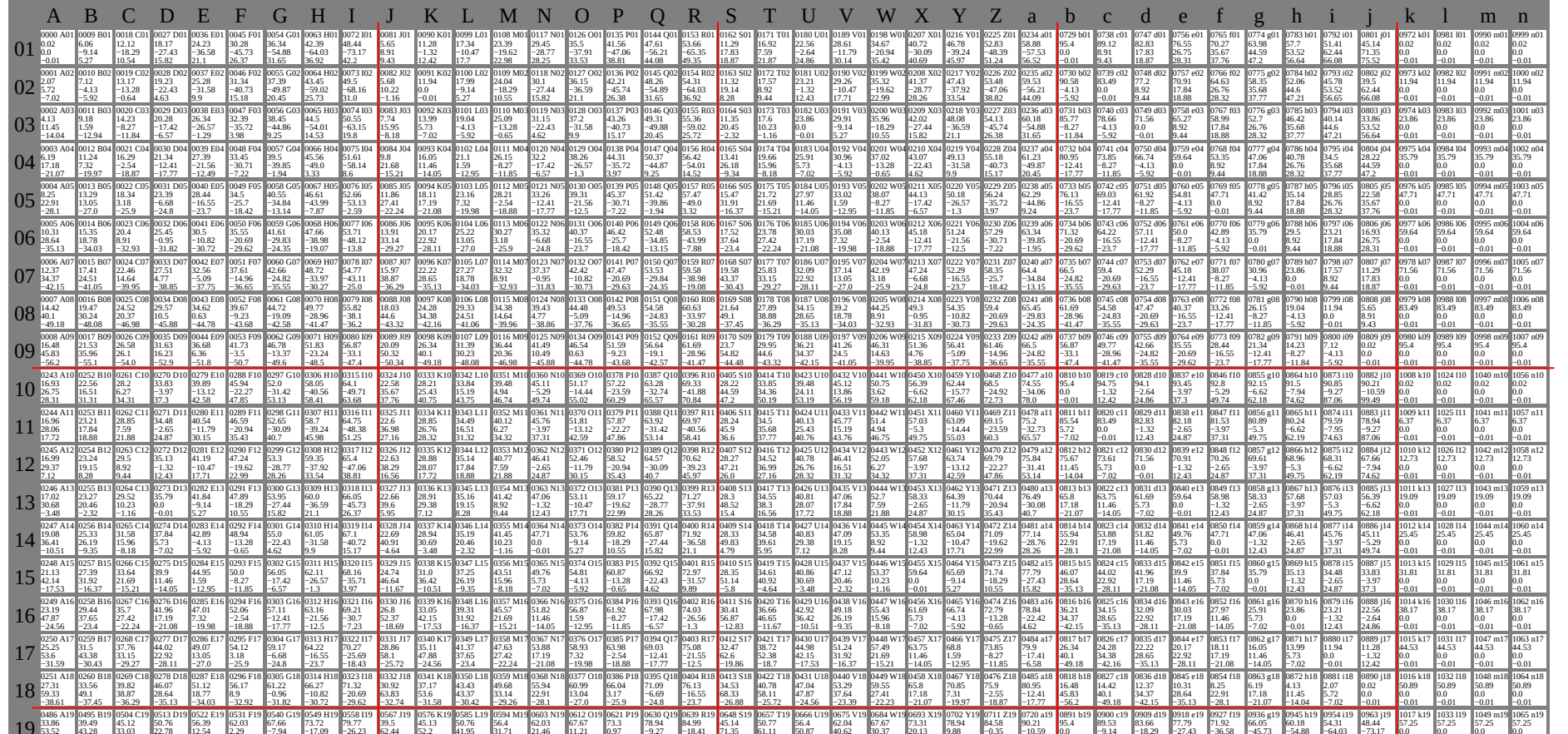
BAM-Registerung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
BAM-Material: Code=rha4ta
Anwendung für Beurteilung von Druck− oder Monitorsystemen



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de/ZG.PDF; Version 2.1, io=1,1, CIELAB

BAM-Registerung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
Anwendung für Bauteilprüfung von Drucker− oder Monitorsystemen

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 25/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB* Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*



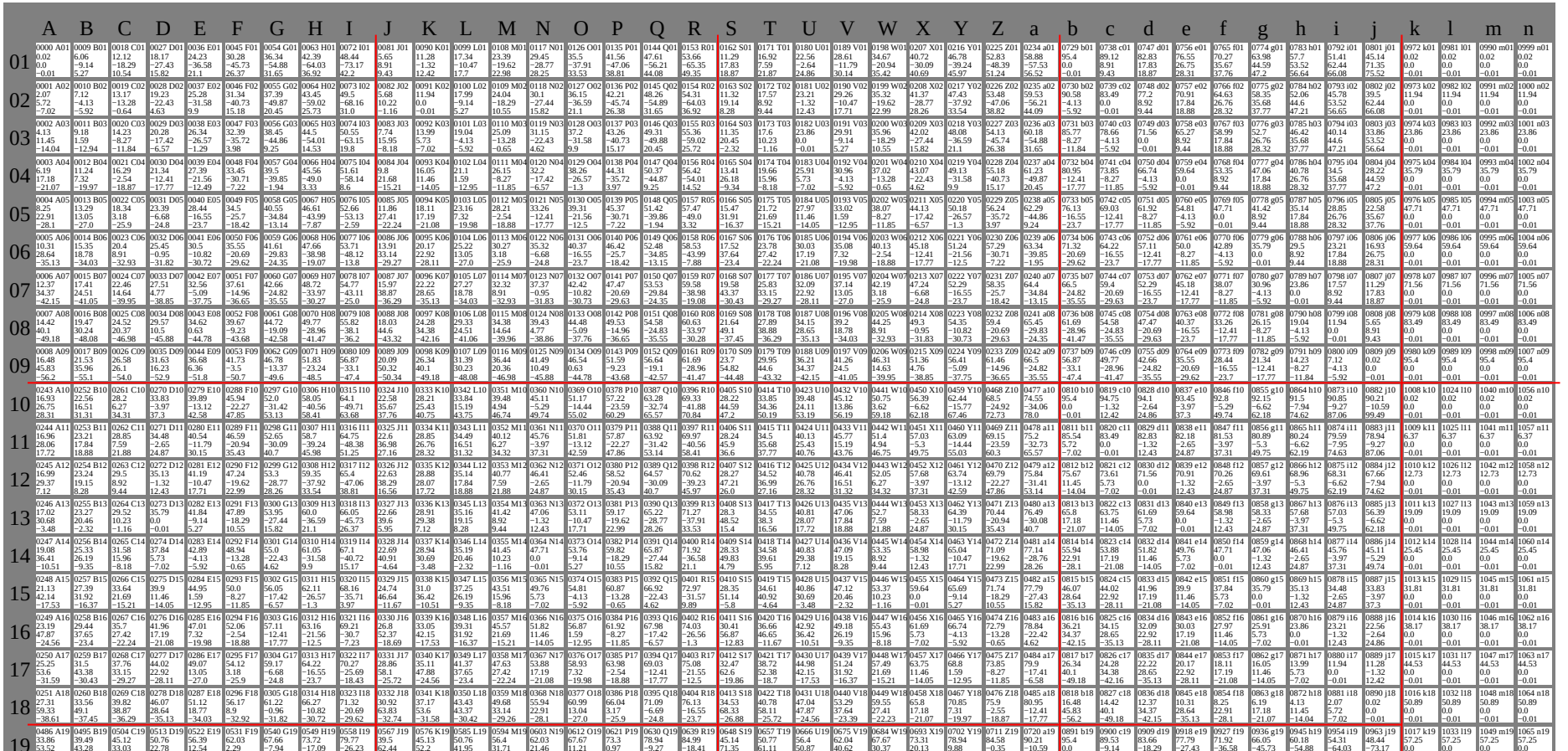
ZG520−7F, Prüfvorlage mit 40x27=1080 Farben; digital gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n): rgb (A−j, n), 000n (k), w (l), nnn0 (m), 5,4mm x 5,4mm, Seite 26/4, OLS38

Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG52/
Technische Information: http://www.ps.bam.de/ZG52/, Version 2.1, io=1,1, CIELAB

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 26/28 Eingabe: *000n / w / nnn0 / rgb set...*

40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB*Ausgabe: −>LAB*−>cmyn5* setcmykcolor*

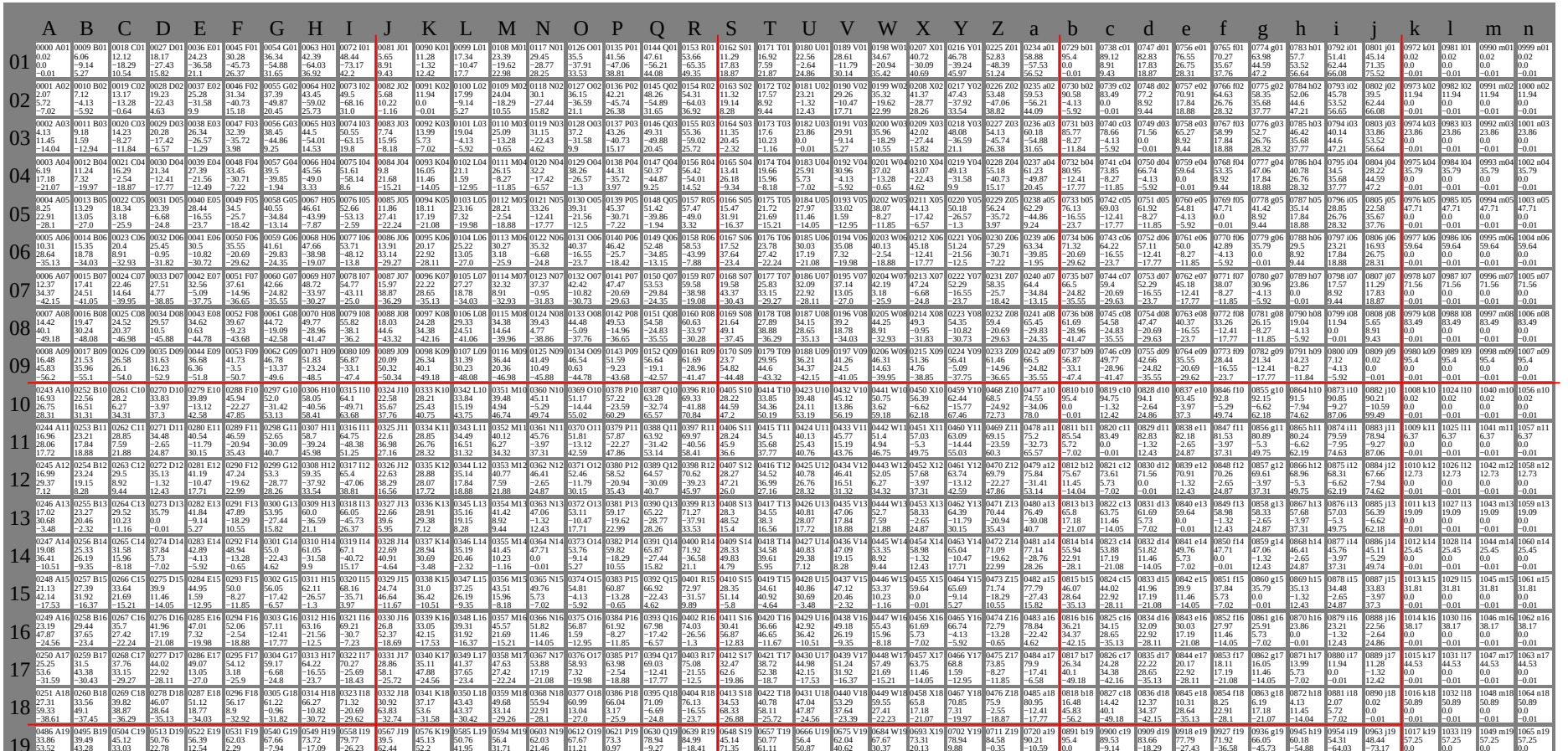
BAM-Registerung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
BAM-Material: Code=rha4ta
Anwendung für Bauteilprüfung von Drucker− oder Monitorsystemen



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registerung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
Anwendung für Beurteilung von Drucker− oder Monitorsystemen

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 27/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB*Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*



Siehe ähnliche Dateien: http://www.ps.bam.de/ZG52/; www.ps.bam.de/ZG.HTM
Technische Information: http://www.ps.bam.de/ZG/Version 2.1, io=1,1 CIELAB

BAM-Prüfvorlage ZG52; Farbmetrik-Systeme, Seite 28/28 Eingabe: *000n / w / nnn0 / rgb set...*
40x27=1080 Farben mit Daten: *rgb / w / cmy0 / 000n / LAB*Ausgabe: *−>LAB*−>cmyn5* setcmykcolor*

BAM-Registerung: 20071001-ZG52/10L/L52G00FP.PS/.PDF
Anwendung für Bauermeister und Messung von Drucker− oder Monitorsystemen
BAM-Material: Code=rha4ta