## Color Code Probability Codeword

ode Probability Codeword		
0	0.000488	0
1	0.013123	1
2	0.034836	10
3	0.030441	11
4	0.02002	100
5	0.015976	101
6	0.01265	110
7	0.01091	111
8	0.009705	1000
9	0.009094	1001
10	0.009171	1010
11	0.008774	1011
12	0.008469	1100
13	0.009415	1101
14	0.009445	1110
15	0.009354	1111
16	0.009216	10000
17	0.009674	10001
18	0.009537	10010
19	0.008667	10011
20	0.009308	10100
21	0.009125	10101
22	0.008957	10110
23	0.01033	10111
24	0.011078	11000
25	0.010437	11001
26	0.011551	11010
27	0.011536	11011
28	0.011292	11100
29	0.010498	11101
30	0.009842	11110
31	0.009811	11111
32	0.009415	100000
33	0.008362	100001
34	0.007751	100010
35	0.006866	100011
36	0.005569	100100
37	0.004913	100101
38	0.004196	100110
39	0.003433	100111
40	0.002518	101000
41	0.001694	101001
42	0.001328	101010
43	0.001038	101011
44	0.000977	101100
45	0.000641	101101

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46 0.000626
              101110
47 0.000626
               101111
48 0.000488
              110000
49 0.000275
               110001
50 0.000366
              110010
51 0.000137
               110011
52 0.000137
              110100
53 0.000168
               110101
54 0.000183
              110110
   7.63E-05
55
              110111
56 0.000137
              111000
57
   3.05E-05
              111001
58 1.53E-05
              111010
59
    4.58E-05
              111011
          0
60
              111100
   1.53E-05
              111101
61
62 3.05E-05
              111110
63
    3.05E-05
              111111
   0.000107
64
             1000000
65
          0
             1000001
          0
             1000010
66
    1.53E-05
             1000011
68
   1.53E-05
             1000100
69 4.58E-05
             1000101
70 4.58E-05
             1000110
71 3.05E-05
             1000111
72 1.53E-05
             1001000
   4.58E-05
73
             1001001
    6.10E-05
74
             1001010
75
    7.63E-05
             1001011
76
          0
             1001100
    3.05E-05
             1001101
    3.05E-05
             1001110
78
79
          0
             1001111
80
    4.58E-05
             1010000
   1.53E-05
             1010001
81
82 1.53E-05 1010010
    3.05E-05
             1010011
    1.53E-05
84
             1010100
85
    6.10E-05
             1010101
  3.05E-05
             1010110
86
             1010111
    4.58E-05
87
88
    4.58E-05
             1011000
89
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             1011001
90
  7.63E-05
             1011010
    6.10E-05
             1011011
92 4.58E-05 1011100
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93 3.05E-05 1011101
    3.05E-05
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94
    1.53E-05 1011111
95
96 1.53E-05
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97
    1.53E-05 1100001
    1.53E-05
98
             1100010
    3.05E-05
99
             1100011
    3.05E-05
100
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101 1.53E-05
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    4.58E-05
102
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    1.53E-05
103
             1100111
104
    4.58E-05
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105
    4.58E-05 1101001
    3.05E-05
106
              1101010
107
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108
     3.05E-05
              1101100
    4.58E-05
109
              1101101
    4.58E-05
              1101110
110
111
           0
              1101111
     6.10E-05
              1110000
112
113
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              1110001
114
     1.53E-05
              1110010
115
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116 4.58E-05
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    1.53E-05 1110101
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119
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121
122
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123
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125
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126
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130
    1.53E-05 10000010
    7.63E-05 10000011
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133
           0 10000101
    3.05E-05 10000110
134
135
    1.53E-05 10000111
136
    1.53E-05 10001000
137
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138
           0 10001010
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139 4.58E-05 10001011

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140 4.58E-05 10001100
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- 141 1.53E-05 10001101
- 142 3.05E-05 10001110
- 143 3.05E-05 10001111
- 144 0 10010000
- 145 0 10010001
- 146 3.05E-05 10010010
- 147 1.53E-05 10010011
- 148 4.58E-05 10010100
- 149 3.05E-05 10010101
- 150 1.53E-05 10010110
- 151 1.53E-05 10010111
- 152 1.53E-05 10011000
- 153 3.05E-05 10011001
- 154 4.58E-05 10011010
- 155 7.63E-05 10011011
- 156 1.53E-05 10011100
- 157 4.58E-05 10011101
- 158 6.10E-05 10011110
- 150 0.101 05 10011110
- 159 3.05E-05 10011111
- 160 7.63E-05 10100000
- 161 7.63E-05 10100001
- 162 0.000122 10100010
- 163 3.05E-05 10100011
- 164 6.10E-05 10100100
- 165 6.10E-05 10100101
- 166 7.63E-05 10100110
- 167 0.000107 10100111
- 168 4.58E-05 10101000
- 169 9.16E-05 10101001
- 170 7.63E-05 10101010
- 171 0.000137 10101011
- 172 9.16E-05 10101100
- 173 4.58E-05 10101101
- 174 9.16E-05 10101110
- 175 9.16E-05 10101111
- 176 0.000107 10110000
- 177 6.10E-05 10110001
- 178 4.58E-05 10110010
- 179 3.05E-05 10110011
- 175 5.052 05 10110011
- 180 4.58E-05 10110100 181 4.58E-05 10110101
- 182 9.16E-05 10110110
- 183 3.05E-05 10110111
- 184 1.53E-05 10111000
- 185 3.05E-05 10111001
- 186 4.58E-05 10111010

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187 1.53E-05 10111011
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- 188 1.53E-05 10111100
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- 190 1.53E-05 10111110
- 191 6.10E-05 10111111
- 192 4.58E-05 11000000
- 193 4.58E-05 11000001
- 194 3.05E-05 11000010
- 195 4.58E-05 11000011
- 196 7.63E-05 11000100
- 197 4.58E-05 11000101
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- 199 3.05E-05 11000111
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- 201 7.63E-05 11001001
- 202 9.16E-05 11001010
- 203 7.63E-05 11001011
- 203 7.031-03 11001011
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- 205 4.58E-05 11001101
- 206 9.16E-05 11001110
- 207 6.10E-05 11001111
- 208 3.05E-05 11010000
- 209 0.000122 11010001
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- 211 1.53E-05 11010011
- 212 7.63E-05 11010100
- 213 3.05E-05 11010101
- 214 4.58E-05 11010110
- 215 6.10E-05 11010111
- 216 3.05E-05 11011000
- 217 1.53E-05 11011001
- 218 3.05E-05 11011010
- 219 3.05E-05 11011011
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- 222 3.05E-05 11011110
- 223 3.05E-05 11011111
- 224 1.53E-05 11100000
- 225 1.53E-05 11100001
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- 227 4.58E-05 11100011
- 228 1.53E-05 11100100
- 229 3.05E-05 11100101
- 230 6.10E-05 11100110
- 231 3.05E-05 11100111
- 232 9.16E-05 11101000
- 233 1.53E-05 11101001

- 234 3.05E-05 11101010
- 235 1.53E-05 11101011
- 236 4.58E-05 11101100
- 237 9.16E-05 11101101
- 238 3.05E-05 11101110
- 239 1.53E-05 11101111
- 240 1.53E-05 11110000
- 241 9.16E-05 11110001
- 242 4.58E-05 11110010
- 243 3.05E-05 11110011
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- 245 9.16E-05 11110101
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- 254 0.297806 11111110
- 255 0.084213 11111111