```
1: // Data taken from source file /usr/share/X11/rgb.txt
 2: const unordered_map<string,rgbcolor> color_names = {
                                  , rgbcolor (240, 248, 255)},
 3:
       {"alice-blue"
       {"AliceBlue"
                                  , rgbcolor (240, 248, 255)},
 4:
 5:
       {"antique-white"
                                    rgbcolor (250, 235, 215)},
 6:
       {"AntiqueWhite"
                                    rgbcolor (250, 235, 215)},
 7:
                                    rgbcolor (255, 239, 219)},
       {"AntiqueWhite1"
                                    rgbcolor (238, 223, 204)},
 8:
       {"AntiqueWhite2"
 9:
                                    rgbcolor (205, 192, 176)},
       {"AntiqueWhite3"
                                  , rgbcolor (139, 131, 120)},
10:
       {"AntiqueWhite4"
11:
       {"aqua"
                                  , rgbcolor ( 0, 255, 255)},
                                  , rgbcolor (127, 255, 212)},
12:
       {"aquamarine"
                                    rgbcolor (127, 255, 212)},
13:
       {"aquamarine1"
                                    rgbcolor (118, 238, 198)},
14:
       {"aquamarine2"
                                    rgbcolor (102, 205, 170)},
15:
       {"aquamarine3"
16:
       {"aquamarine4"
                                    rgbcolor (69, 139, 116)},
17:
       {"azure"
                                    rgbcolor (240, 255, 255)},
                                    rgbcolor (240, 255, 255)},
18:
       {"azure1"
19:
                                    rgbcolor (224, 238, 238)},
       {"azure2"
                                    rgbcolor (193, 205, 205)},
20:
       {"azure3"
                                    rgbcolor (131, 139, 139)},
21:
       {"azure4"
                                    rgbcolor (245, 245, 220)},
22:
       {"beige"
23:
                                    rgbcolor (255, 228, 196)},
       {"bisque"
24:
       {"bisque1"
                                    rgbcolor (255, 228, 196)},
                                    rgbcolor (238, 213, 183)},
25:
       {"bisque2"
26:
       {"bisque3"
                                    rgbcolor (205, 183, 158)},
27:
       {"bisque4"
                                    rgbcolor (139, 125, 107)},
28:
       {"black"
                                    rgbcolor ( 0,
                                                      0,
                                    rgbcolor (255, 235, 205)},
29:
       {"blanched-almond"
                                    rgbcolor (255, 235, 205)},
30:
       {"BlanchedAlmond"
31:
       {"blue"
                                    rgbcolor ( 0,
                                                     0, 255)},
                                    rgbcolor (138,
                                                     43, 226)},
32:
       {"blue-violet"
33:
       {"blue1"
                                    rgbcolor ( 0,
                                                      0, 255)},
34:
       {"blue2"
                                    rgbcolor (
                                                0,
                                                      0, 238)},
35:
                                    rgbcolor (
                                                      0, 205)},
       {"blue3"
                                                Ο,
                                                     0, 139)},
36:
       {"blue4"
                                    rgbcolor (
                                               Ο,
                                    rgbcolor (138,
37:
       {"BlueViolet"
                                                     43, 226)},
38:
                                    rgbcolor (165,
                                                     42,
       {"brown"
                                                          42)},
39:
       {"brown1"
                                    rgbcolor (255,
                                                     64,
                                                          64)},
40:
                                    rgbcolor (238,
                                                     59,
                                                          59)},
       {"brown2"
41:
       {"brown3"
                                    rgbcolor (205,
                                                     51,
                                                          51)},
                                    rgbcolor (139,
42:
       {"brown4"
                                                     35,
                                                          35)},
                                    rgbcolor (222, 184, 135)},
43:
       {"burlywood"
44:
       {"burlywood1"
                                    rgbcolor (255, 211, 155)},
                                    rgbcolor (238, 197, 145)},
45:
       {"burlywood2"
                                    rgbcolor (205, 170, 125)},
46:
       {"burlywood3"
                                    rgbcolor (139, 115,
47:
       {"burlywood4"
                                                          85)},
                                    rgbcolor (95, 158, 160)},
48:
       {"cadet-blue"
49:
       {"CadetBlue"
                                    rgbcolor (95, 158, 160)},
50:
       {"CadetBlue1"
                                    rgbcolor (152, 245, 255)},
                                    rgbcolor (142, 229, 238)},
51:
       {"CadetBlue2"
                                    rgbcolor (122, 197, 205)},
52:
       {"CadetBlue3"
                                    rgbcolor (83, 134, 139)},
53:
       {"CadetBlue4"
                                    rgbcolor (127, 255,
54:
       {"chartreuse"
                                                           0)},
                                  , rgbcolor (127, 255,
55:
       {"chartreuse1"
                                                           0)},
                                  , rgbcolor (118, 238,
56:
       {"chartreuse2"
                                                           0)},
57:
       {"chartreuse3"
                                  , rgbcolor (102, 205,
                                                           0)},
                                  , rgbcolor ( 69, 139,
58:
       {"chartreuse4"
                                                           0)},
```

```
59:
        {"chocolate"
                                     rgbcolor (210, 105,
                                                           30)},
 60:
        {"chocolate1"
                                     rgbcolor (255, 127,
                                                           36) },
                                     rgbcolor (238, 118,
                                                           33) },
 61:
        {"chocolate2"
 62:
                                     rgbcolor (205, 102,
        {"chocolate3"
                                                           29) } ,
 63:
        {"chocolate4"
                                     rgbcolor (139,
                                                      69,
                                                           19) } ,
                                     rgbcolor (255, 127,
 64:
        {"coral"
                                                           80)},
 65:
        {"coral1"
                                     rgbcolor (255, 114,
                                                           86) },
 66:
                                     rgbcolor (238, 106,
        {"coral2"
                                                           80)},
                                     rgbcolor (205,
                                                           69)},
 67:
        {"coral3"
                                                      91,
                                     rgbcolor (139,
 68:
        {"coral4"
                                                     62,
                                                            47)},
                                     rgbcolor (100, 149, 237)},
 69:
        {"cornflower-blue"
70:
                                   , rgbcolor (100, 149, 237)},
        {"CornflowerBlue"
71:
        {"cornsilk"
                                     rgbcolor (255, 248, 220)},
                                     rgbcolor (255, 248, 220)},
 72:
        {"cornsilk1"
                                     rgbcolor (238, 232, 205)},
73:
        {"cornsilk2"
74:
        {"cornsilk3"
                                     rgbcolor (205, 200, 177)},
75:
        {"cornsilk4"
                                     rgbcolor (139, 136, 120)},
 76:
                                     rgbcolor (220, 20,
        {"crimson"
                                                           60)},
                                     rgbcolor ( 0, 255, 255)},
77:
        {"cyan"
                                                  0, 255, 255)},
78:
        {"cyan1"
                                     rgbcolor (
                                                  0, 238, 238)},
 79:
        {"cyan2"
                                     rgbcolor (
                                     rgbcolor (
                                                  0, 205, 205)},
80:
        {"cyan3"
                                                  0, 139, 139)},
81:
        {"cyan4"
                                     rgbcolor (
82:
        {"dark-blue"
                                     rgbcolor (
                                                 Ο,
                                                       0, 139)},
                                                0, 139, 139)},
83:
        {"dark-cyan"
                                     rgbcolor (
84:
        { "dark-goldenrod"
                                     rgbcolor (184, 134,
                                                           11)},
85:
        { "dark-gray"
                                     rgbcolor (169, 169, 169)},
86:
        { "dark-green"
                                     rgbcolor ( 0, 100,
                                     rgbcolor (169, 169, 169)},
87:
        { "dark-grey"
                                     rgbcolor (189, 183, 107)},
88:
        {"dark-khaki"
89:
        {"dark-magenta"
                                     rgbcolor (139,
                                                       0, 139)},
                                   , rgbcolor ( 85, 107,
90:
        {"dark-olive-green"
                                                            47)},
                                   , rgbcolor (255, 140,
91:
        {"dark-orange"
                                                            0)},
92:
        {"dark-orchid"
                                   , rgbcolor (153,
                                                      50, 204)},
93:
        { "dark-red"
                                     rgbcolor (139,
                                                       Ο,
                                     rgbcolor (233, 150, 122)},
94:
        { "dark-salmon"
                                     rgbcolor (143, 188, 143)},
95:
        {"dark-sea-green"
 96:
        {"dark-slate-blue"
                                     rgbcolor (72,
                                                      61, 139)},
97:
        {"dark-slate-gray"
                                     rgbcolor (47,
                                                      79,
                                                           79)},
98:
        {"dark-slate-grey"
                                   , rgbcolor (47,
                                                      79,
                                                           79)},
99:
        {"dark-turquoise"
                                   , rgbcolor ( 0, 206, 209)},
                                     rgbcolor (148,
                                                       0, 211)},
100:
        {"dark-violet"
                                                       0, 139)},
101:
        {"DarkBlue"
                                     rgbcolor ( 0,
                                     rgbcolor ( 0, 139, 139)},
102:
        {"DarkCyan"
                                     rgbcolor (184, 134,
103:
        {"DarkGoldenrod"
104:
        {"DarkGoldenrod1"
                                     rgbcolor (255, 185,
                                                           15)},
                                     rgbcolor (238, 173,
105:
        {"DarkGoldenrod2"
                                                           14) },
                                   , rgbcolor (205, 149,
106:
        {"DarkGoldenrod3"
                                                           12) } ,
107:
        {"DarkGoldenrod4"
                                     rgbcolor (139, 101,
        {"DarkGray"
                                     rgbcolor (169, 169, 169)},
108:
                                     rgbcolor ( 0, 100,
109:
        {"DarkGreen"
                                                            0)},
                                     rgbcolor (169, 169, 169)},
110:
        {"DarkGrey"
                                     rgbcolor (189, 183, 107)},
111:
        {"DarkKhaki"
                                   , rgbcolor (139,
                                                       0, 139)},
112:
        {"DarkMagenta"
                                   , rgbcolor ( 85, 107,
113:
        {"DarkOliveGreen"
                                                           47)},
114:
        {"DarkOliveGreen1"
                                   , rgbcolor (202, 255, 112)},
115:
        {"DarkOliveGreen2"
                                   , rgbcolor (188, 238, 104)},
                                   , rgbcolor (162, 205,
116:
        {"DarkOliveGreen3"
                                                           90)},
```

```
117:
        {"DarkOliveGreen4"
                                     rgbcolor (110, 139,
                                                           61)},
118:
        {"DarkOrange"
                                     rgbcolor (255, 140,
                                                            0)},
                                     rgbcolor (255, 127,
                                                            0)},
119:
        {"DarkOrange1"
                                     rgbcolor (238, 118,
120:
        {"DarkOrange2"
                                                            0)},
121:
        {"DarkOrange3"
                                     rgbcolor (205, 102,
                                                            0)},
122:
        {"DarkOrange4"
                                     rgbcolor (139,
                                                      69,
                                                            0)},
123:
        {"DarkOrchid"
                                     rgbcolor (153,
                                                      50, 204)},
                                     rgbcolor (191,
124:
        {"DarkOrchid1"
                                                      62, 255)},
                                     rgbcolor (178,
125:
        {"DarkOrchid2"
                                                      58, 238)},
                                     rgbcolor (154,
        {"DarkOrchid3"
                                                      50, 205)},
126:
127:
        {"DarkOrchid4"
                                     rgbcolor (104,
                                                      34, 139)},
                                     rgbcolor (139,
128:
        {"DarkRed"
                                                       0,
                                     rgbcolor (233, 150, 122)},
129:
        {"DarkSalmon"
                                     rgbcolor (143, 188, 143)},
130:
        {"DarkSeaGreen"
        {"DarkSeaGreen1"
                                     rgbcolor (193, 255, 193)},
131:
132:
        {"DarkSeaGreen2"
                                     rgbcolor (180, 238, 180)},
        {"DarkSeaGreen3"
                                     rgbcolor (155, 205, 155)},
133:
                                     rgbcolor (105, 139, 105)},
        {"DarkSeaGreen4"
134:
        {"DarkSlateBlue"
                                     rgbcolor (72, 61, 139)},
135:
        {"DarkSlateGray"
                                     rgbcolor (47,
                                                      79,
136:
                                                           79) },
                                    rgbcolor (151, 255, 255)},
137:
        {"DarkSlateGray1"
                                     rgbcolor (141, 238, 238)},
138:
        {"DarkSlateGray2"
        {"DarkSlateGray3"
                                     rgbcolor (121, 205, 205)},
139:
        {"DarkSlateGray4"
                                     rgbcolor ( 82, 139, 139)},
140:
                                     rgbcolor (47,
                                                     79,
141:
        {"DarkSlateGrey"
                                                           79)},
142:
        {"DarkTurquoise"
                                     rgbcolor ( 0, 206, 209)},
                                                       0, 211)},
143:
        {"DarkViolet"
                                     rgbcolor (148,
        {"deep-pink"
                                     rgbcolor (255,
                                                      20, 147)},
144:
                                     rgbcolor ( 0, 191, 255)},
145:
        {"deep-sky-blue"
                                     rgbcolor (255,
                                                     20, 147)},
146:
        {"DeepPink"
                                     rgbcolor (255,
147:
        {"DeepPink1"
                                                      20, 147)},
                                                      18, 137)},
                                     rgbcolor (238,
        {"DeepPink2"
148:
                                     rgbcolor (205,
149:
        {"DeepPink3"
                                                      16, 118)},
                                     rgbcolor (139,
                                                      10,
150:
        {"DeepPink4"
                                     rgbcolor ( 0, 191, 255)},
        {"DeepSkyBlue"
151:
                                                  0, 191, 255)},
152:
        {"DeepSkyBlue1"
                                     rgbcolor (
                                                  0, 178, 238)},
153:
        {"DeepSkyBlue2"
                                     rgbcolor (
                                     rgbcolor (
154:
        {"DeepSkyBlue3"
                                                  0, 154, 205)},
        {"DeepSkyBlue4"
                                     rgbcolor ( 0, 104, 139)},
155:
                                     rgbcolor (105, 105, 105)},
        {"dim-gray"
156:
157:
        { "dim-grey"
                                     rgbcolor (105, 105, 105)},
                                     rgbcolor (105, 105, 105)},
158:
        {"DimGray"
                                     rgbcolor (105, 105, 105)},
159:
        {"DimGrey"
                                     rgbcolor ( 30, 144, 255)},
160:
        { "dodger-blue"
                                     rgbcolor ( 30, 144, 255)},
161:
        {"DodgerBlue"
162:
        {"DodgerBlue1"
                                     rgbcolor ( 30, 144, 255)},
                                     rgbcolor (28, 134, 238)},
163:
        {"DodgerBlue2"
                                     rgbcolor (24, 116, 205)},
164:
        {"DodgerBlue3"
                                                      78, 139)},
165:
        {"DodgerBlue4"
                                     rgbcolor (16,
        {"firebrick"
                                     rgbcolor (178,
                                                      34,
166:
                                                           34) },
167:
        {"firebrick1"
                                     rgbcolor (255,
                                                      48,
                                                           48)},
                                     rgbcolor (238,
                                                      44,
168:
        {"firebrick2"
                                                           44)},
                                     rgbcolor (205,
169:
        {"firebrick3"
                                                      38,
                                                           38)},
                                     rgbcolor (139,
                                                      26,
170:
        {"firebrick4"
                                                           26) },
                                   , rgbcolor (255, 250, 240)},
171:
        {"floral-white"
                                   , rgbcolor (255, 250, 240)},
172:
        {"FloralWhite"
173:
        {"forest-green"
                                   , rgbcolor ( 34, 139,
                                                           34) },
                                     rgbcolor ( 34, 139,
174:
        {"ForestGreen"
                                                           34) } ,
```

```
175:
         {"fuchsia"
                                       rgbcolor (255,
                                                          0, 255)},
176:
         { "gainsboro"
                                       rgbcolor (220, 220, 220)},
                                       rgbcolor (248, 248, 255)},
177:
         { "ghost-white"
                                       rgbcolor (248, 248, 255)},
178:
         { "GhostWhite"
179:
         { "gold"
                                       rgbcolor (255, 215,
180:
         { "gold1"
                                       rgbcolor (255, 215,
                                                               0)},
181:
         { "gold2"
                                       rgbcolor (238, 201,
                                                               0)},
                                       rgbcolor (205, 173,
182:
         { "gold3"
                                                               0)},
                                       rgbcolor (139, 117,
183:
         { "gold4"
                                                               0)},
                                       rgbcolor (218, 165,
         {"goldenrod"
                                                              32) },
184:
185:
         {"goldenrod1"
                                      rgbcolor (255, 193,
                                                              37) },
         { "goldenrod2"
                                      rgbcolor (238, 180,
186:
                                                              34) },
                                       rgbcolor (205, 155,
187:
         {"goldenrod3"
                                                              29) },
                                       rgbcolor (139, 105,
188:
         { "goldenrod4"
                                                              20) },
         {"gray"
                                       rgbcolor (190, 190, 190)},
189:
190:
         {"gray0"
                                       rgbcolor (
                                                          0,
                                                   Ο,
                                                               0)},
191:
         { "gray1"
                                       rgbcolor (
                                                    3,
                                                          3,
                                                               3) },
192:
         { "gray10"
                                       rgbcolor (26,
                                                        26,
                                                              26) },
         {"gray100"
                                       rgbcolor (255, 255, 255)},
193:
                                       rgbcolor (28,
                                                        28,
                                                              28) },
194:
         { "grav11"
195:
         { "gray12"
                                       rgbcolor ( 31,
                                                        31,
                                                              31)},
196:
         { "gray13"
                                       rgbcolor (33,
                                                        33,
                                                              33) },
                                       rgbcolor (36,
                                                        36,
197:
         { "gray14"
                                                              36) },
198:
         {"gray15"
                                       rgbcolor ( 38,
                                                        38,
                                                              38)},
                                                              41)},
199:
         { "grav16"
                                       rgbcolor (41,
                                                         41,
200:
         { "gray17"
                                       rgbcolor (43,
                                                         43,
                                                              43)},
201:
         { "grav18"
                                       rgbcolor (46,
                                                         46,
                                                              46)},
202:
         { "gray19"
                                       rgbcolor (48,
                                                         48,
                                                              48)},
203:
                                       rgbcolor ( 5,
                                                        5,
         {"gray2"
                                                               5)},
         {"gray20"
                                       rgbcolor (51,
                                                        51,
204:
                                                              51)},
205:
         { "gray21"
                                       rgbcolor (54,
                                                        54,
                                                              54)},
         { "gray22"
                                       rgbcolor (56,
                                                        56,
                                                              56) },
206:
                                       rgbcolor (59,
                                                              59) },
207:
         { "gray23"
                                                        59,
                                       rgbcolor ( 61,
                                                         61,
208:
         { "gray24"
                                                              61)},
209:
         {"gray25"
                                       rgbcolor ( 64,
                                                        64,
                                                              64)},
210:
         { "gray26"
                                       rgbcolor (66,
                                                         66,
                                                              66) },
                                       rgbcolor ( 69,
                                                         69,
211:
         { "gray27"
                                                              69) },
212:
         { "gray28"
                                       rgbcolor (71,
                                                        71,
                                                              71)},
213:
         { "gray29"
                                       rgbcolor (74,
                                                        74,
                                                              74)},
                                                         8,
214:
                                       rgbcolor (
         {"gray3"
                                                               8)},
215:
         {"gray30"
                                       rgbcolor (77,
                                                        77,
                                                              77)},
                                       rgbcolor (79,
                                                        79,
216:
         { "gray31"
                                                              79)},
                                       rgbcolor (82,
                                                        82,
217:
         { "gray32"
                                                              82) },
218:
         { "gray33"
                                       rgbcolor (84,
                                                        84,
                                                              84) },
                                       rgbcolor (87,
                                                        87,
219:
         { "gray34"
                                                              87) },
220:
         {"gray35"
                                       rgbcolor (89,
                                                        89,
                                                              89) },
                                       rgbcolor (92,
                                                              92) },
221:
         { "gray36"
                                                        92,
                                       rgbcolor (94,
                                                         94,
222:
         { "gray37"
                                                              94)},
                                                         97,
                                                              97)},
223:
         { "gray38"
                                       rgbcolor (97,
224:
         { "gray39"
                                       rgbcolor (99,
                                                         99,
                                                              99)},
225:
         {"gray4"
                                       rgbcolor (10,
                                                        10,
                                                              10)},
         {"gray40"
                                       rgbcolor (102, 102, 102)},
226:
                                       rgbcolor (105, 105, 105)},
227:
         { "gray41"
                                       rgbcolor (107, 107, 107)},
         {"gray42"
228:
                                       rgbcolor (110, 110, 110)},
229:
         { "gray43"
230:
         { "gray44"
                                       rgbcolor (112, 112, 112)},
231:
                                       rgbcolor (115, 115, 115)},
         { "gray45"
                                       rgbcolor (117, 117, 117)},
232:
         { "gray46"
```

```
233:
        { "gray47"
                                      rgbcolor (120, 120, 120)},
234:
        { "gray48"
                                      rgbcolor (122, 122, 122)},
                                      rgbcolor (125, 125, 125)},
235:
        { "gray49"
        {"gray5"
                                      rgbcolor (13,
236:
                                                      13,
                                                             13) },
237:
        { "gray50"
                                      rgbcolor (127, 127, 127)},
238:
        { "gray51"
                                      rgbcolor (130, 130, 130)},
239:
        { "gray52"
                                      rgbcolor (133, 133, 133)},
        {"gray53"
                                      rgbcolor (135, 135, 135)},
240:
                                      rgbcolor (138, 138, 138)},
241:
        { "gray54"
                                      rgbcolor (140, 140, 140)},
242:
        { "gray55"
243:
        { "gray56"
                                      rgbcolor (143, 143, 143)},
                                      rgbcolor (145, 145, 145)},
244:
        { "gray57"
                                      rgbcolor (148, 148, 148)},
245:
        { "gray58"
                                      rgbcolor (150, 150, 150)},
246:
        { "grav59"
                                      rgbcolor ( 15, 15,
                                                             15)},
247:
        { "gray6"
248:
        {"gray60"
                                      rgbcolor (153, 153, 153)},
249:
        { "gray61"
                                      rgbcolor (156, 156, 156)},
                                      rgbcolor (158, 158, 158)},
250:
        { "gray62"
        {"gray63"
                                      rgbcolor (161, 161, 161)},
251:
                                      rgbcolor (163, 163, 163)},
252:
        { "gray64"
                                      rgbcolor (166, 166, 166)},
253:
        { "gray65"
                                      rgbcolor (168, 168, 168)},
254:
        { "gray66"
                                      rgbcolor (171, 171, 171)},
255:
        { "gray67"
                                      rgbcolor (173, 173, 173)},
256:
        {"gray68"
                                      rgbcolor (176, 176, 176)},
257:
        { "gray69"
258:
        {"gray7"
                                      rgbcolor (18,
                                                      18,
                                                             18)},
259:
        { "gray70"
                                      rgbcolor (179, 179, 179)},
260:
        { "gray71"
                                      rgbcolor (181, 181, 181)},
                                      rgbcolor (184, 184, 184)},
261:
        { "gray72"
        {"gray73"
                                      rgbcolor (186, 186, 186)},
262:
263:
        { "gray74"
                                      rgbcolor (189, 189, 189)},
        { "gray75"
                                      rgbcolor (191, 191, 191)},
264:
                                      rgbcolor (194, 194, 194)},
265:
        { "gray76"
                                      rgbcolor (196, 196, 196)},
266:
        { "gray77"
                                      rgbcolor (199, 199, 199)},
267:
        { "gray78"
268:
        { "gray79"
                                      rgbcolor (201, 201, 201)},
                                      rgbcolor (20, 20,
                                                             20)},
269:
        {"gray8"
270:
        { "gray80"
                                      rgbcolor (204, 204, 204)},
271:
        { "gray81"
                                      rgbcolor (207, 207, 207)},
        {"gray82"
                                      rgbcolor (209, 209, 209)},
272:
273:
        { "gray83"
                                      rgbcolor (212, 212, 212)},
                                      rgbcolor (214, 214, 214)},
274:
        { "gray84"
                                      rgbcolor (217, 217, 217)},
        { "gray85"
275:
                                      rgbcolor (219, 219, 219)},
276:
        { "gray86"
                                      rgbcolor (222, 222, 222)},
277:
        { "gray87"
278:
        {"gray88"
                                      rgbcolor (224, 224, 224)},
                                      rgbcolor (227, 227, 227)},
279:
        { "gray89"
                                      rgbcolor (23,
280:
        { "gray9"
                                                       23,
                                                             23) } ,
281:
        { "gray90"
                                      rgbcolor (229, 229, 229)},
282:
        { "gray91"
                                      rgbcolor (232, 232, 232)},
                                      rgbcolor (235, 235, 235)},
283:
        {"gray92"
        {"gray93"
                                      rgbcolor (237, 237, 237)},
284:
                                      rgbcolor (240, 240, 240)},
285:
        { "gray94"
                                      rgbcolor (242, 242, 242)},
286:
        { "gray95"
                                      rgbcolor (245, 245, 245)},
287:
        { "gray96"
288:
        { "gray97"
                                      rgbcolor (247, 247, 247)},
289:
        { "gray98"
                                      rgbcolor (250, 250, 250)},
                                      rgbcolor (252, 252, 252)},
290:
        { "gray99"
```

```
291:
         { "green"
                                       rgbcolor (
                                                    0, 255,
                                                                0)},
292:
         { "green-yellow"
                                       rgbcolor (173, 255,
                                                               47)},
                                       rgbcolor ( 0, 255,
293:
         { "green1"
                                                               0)},
294:
         {"green2"
                                                    0, 238,
                                       rgbcolor (
                                                                0)},
295:
         { "green3"
                                       rgbcolor (
                                                    0, 205,
                                                                0)},
296:
         {"green4"
                                       rgbcolor (
                                                    0, 139,
                                                                0)},
297:
         { "GreenYellow"
                                       rgbcolor (173, 255,
                                                               47) },
                                       rgbcolor (190, 190, 190)},
298:
         { "grey"
         {"grey0"
                                       rgbcolor (
299:
                                                   Ο,
                                                          0,
                                                                0)},
                                       rgbcolor (
300:
         { "grey1"
                                                    3,
                                                          3,
                                                                3) },
301:
         { "grey10"
                                       rgbcolor (26,
                                                         26,
                                                              26) },
302:
         { "grey100"
                                       rgbcolor (255, 255,
                                                             255)},
303:
         { "grey11"
                                       rgbcolor (28,
                                                         28,
                                                              28) },
                                                         31,
304:
         { "grey12"
                                       rgbcolor (31,
                                                              31) },
                                       rgbcolor (33,
                                                         33,
305:
         { "grey13"
                                                              33) },
306:
         { "grey14"
                                       rgbcolor (36,
                                                         36,
                                                              36) },
307:
         { "grey15"
                                       rgbcolor (38,
                                                         38,
                                                              38)},
308:
         { "grey16"
                                       rgbcolor (41,
                                                         41,
                                                              41)},
         { "grey17"
                                       rgbcolor (43,
                                                         43,
                                                              43) },
309:
                                       rgbcolor (46,
310:
         { "grey18"
                                                         46,
                                                              46)},
311:
         { "grey19"
                                       rgbcolor (48,
                                                         48,
                                                              48)},
                                                         5,
                                                               5)},
312:
         { "grey2"
                                       rgbcolor ( 5,
         { "grey20"
                                       rgbcolor (51,
313:
                                                         51,
                                                              51)},
314:
         {"grey21"
                                       rgbcolor (54,
                                                         54,
                                                              54)},
                                       rgbcolor (56,
                                                         56,
                                                              56) },
315:
         { "grev22"
                                                         59,
316:
         { "grey23"
                                       rgbcolor (59,
                                                              59) },
317:
         { "grey24"
                                       rgbcolor (61,
                                                         61,
                                                              61)},
318:
         { "grey25"
                                       rgbcolor ( 64,
                                                         64,
                                                              64)},
                                                         66,
319:
                                       rgbcolor (66,
         { "grey26"
                                                              66) },
                                       rgbcolor ( 69,
                                                         69,
320:
         { "grey27"
                                                              69)},
321:
         { "grey28"
                                       rgbcolor (71,
                                                         71,
                                                              71)},
                                       rgbcolor (74,
322:
         { "grey29"
                                                         74,
                                                              74)},
                                                   8,
323:
         { "grey3"
                                       rgbcolor (
                                                         8,
                                                               8)},
                                                         77,
         {"grey30"
                                       rgbcolor (77,
324:
                                                              77)},
325:
         { "grey31"
                                       rgbcolor (79,
                                                         79,
                                                              79)},
326:
         { "grey32"
                                       rgbcolor (82,
                                                         82,
                                                              82) },
                                       rgbcolor (84,
                                                         84,
327:
         { "grey33"
                                                              84) },
                                                              87) },
328:
         { "grey34"
                                       rgbcolor (87,
                                                         87,
329:
         { "grey35"
                                       rgbcolor (89,
                                                         89,
                                                              89) },
330:
         { "grey36"
                                       rgbcolor (92,
                                                         92,
                                                              92) },
331:
         { "grey37"
                                       rgbcolor (94,
                                                         94,
                                                              94)},
                                       rgbcolor (97,
                                                         97,
                                                              97)},
332:
         { "grey38"
                                       rgbcolor (99,
                                                         99,
                                                              99)},
333:
         { "grey39"
                                                         10,
                                                              10)},
334:
         { "grey4"
                                       rgbcolor (10,
         {"grey40"
                                       rgbcolor (102, 102, 102)},
335:
336:
         {"grey41"
                                       rgbcolor (105, 105, 105)},
                                       rgbcolor (107, 107, 107)},
337:
         { "grey42"
         { "grey43"
                                       rgbcolor (110, 110, 110)},
338:
         { "grey44"
339:
                                       rgbcolor (112, 112, 112)},
340:
                                       rgbcolor (115, 115, 115)},
         { "grey45"
                                       rgbcolor (117, 117, 117)},
341:
         { "grey46"
         { "grey47"
                                       rgbcolor (120, 120, 120)},
342:
                                       rgbcolor (122, 122, 122)},
343:
         { "grey48"
                                       rgbcolor (125, 125, 125)},
344:
         { "grey49"
                                                              13) },
345:
         { "grey5"
                                       rgbcolor (13,
                                                        13,
346:
         { "grey50"
                                       rgbcolor (127, 127, 127)},
347:
                                       rgbcolor (130, 130, 130)},
         { "grey51"
                                       rgbcolor (133, 133, 133)},
348:
         { "grey52"
```

```
349:
        { "grey53"
                                     rgbcolor (135, 135, 135)},
350:
        { "grey54"
                                     rgbcolor (138, 138, 138)},
                                     rgbcolor (140, 140, 140)},
351:
        { "grey55"
                                     rgbcolor (143, 143, 143)},
352:
        { "grey56"
353:
        { "grey57"
                                     rgbcolor (145, 145, 145)},
354:
        { "grey58"
                                     rgbcolor (148, 148, 148)},
355:
                                     rgbcolor (150, 150, 150)},
        { "grey59"
        {"grey6"
                                     rgbcolor (15, 15,
356:
                                     rgbcolor (153, 153, 153)},
357:
        { "grey60"
                                     rgbcolor (156, 156, 156)},
        { "grey61"
358:
359:
        { "grey62"
                                     rgbcolor (158, 158, 158)},
                                     rgbcolor (161, 161, 161)},
360:
        { "grey63"
                                     rgbcolor (163, 163, 163)},
361:
        { "grey64"
                                     rgbcolor (166, 166, 166)},
362:
        { "grey65"
                                     rgbcolor (168, 168, 168)},
363:
        { "grey66"
364:
        { "grey67"
                                     rgbcolor (171, 171, 171)},
365:
        { "grey68"
                                     rgbcolor (173, 173, 173)},
        {"grey69"
                                     rgbcolor (176, 176, 176)},
366:
                                     rgbcolor (18,
367:
        { "grey7"
                                                      18,
                                     rgbcolor (179, 179, 179)},
        { "grey70"
368:
                                     rgbcolor (181, 181, 181)},
369:
        { "grey71"
                                     rgbcolor (184, 184, 184)},
370:
        { "grey72"
                                     rgbcolor (186, 186, 186)},
371:
        { "grey73"
                                     rgbcolor (189, 189, 189)},
372:
        { "grey74"
                                     rgbcolor (191, 191, 191)},
373:
        { "grey75"
        {"grey76"
374:
                                     rgbcolor (194, 194, 194)},
375:
        { "grey77"
                                     rgbcolor (196, 196, 196)},
376:
        { "grey78"
                                     rgbcolor (199, 199, 199)},
377:
        { "grey79"
                                     rgbcolor (201, 201, 201)},
                                     rgbcolor (20, 20,
378:
        { "grey8"
                                                            20)},
379:
        {"grey80"
                                     rgbcolor (204, 204, 204)},
        { "grey81"
                                     rgbcolor (207, 207, 207)},
380:
                                     rgbcolor (209, 209, 209)},
381:
        { "grey82"
                                     rgbcolor (212, 212, 212)},
382:
        { "grey83"
383:
        { "grey84"
                                     rgbcolor (214, 214, 214)},
                                     rgbcolor (217, 217, 217)},
384:
        { "grey85"
                                     rgbcolor (219, 219, 219)},
385:
        { "grey86"
386:
        { "grey87"
                                     rgbcolor (222, 222, 222)},
387:
        { "grey88"
                                     rgbcolor (224, 224, 224)},
                                     rgbcolor (227, 227, 227)},
388:
        { "grey89"
389:
        { "grey9"
                                     rgbcolor (23,
                                                      23,
                                                            23) },
                                     rgbcolor (229, 229, 229)},
390:
        { "grey90"
                                     rgbcolor (232, 232, 232)},
391:
        { "grey91"
                                     rgbcolor (235, 235, 235)},
392:
        { "grey92"
                                     rgbcolor (237, 237, 237)},
393:
        { "grey93"
                                     rgbcolor (240, 240, 240)},
394:
        { "grey94"
                                     rgbcolor (242, 242, 242)},
395:
        { "grey95"
                                     rgbcolor (245, 245, 245)},
396:
        { "grey96"
397:
        { "grey97"
                                     rgbcolor (247, 247, 247)},
398:
        { "grey98"
                                     rgbcolor (250, 250, 250)},
                                     rgbcolor (252, 252, 252)},
399:
        {"grey99"
        { "honeydew"
                                     rgbcolor (240, 255, 240)},
400:
                                     rgbcolor (240, 255, 240)},
401:
        { "honeydew1"
                                     rgbcolor (224, 238, 224)},
402:
        { "honeydew2"
                                     rgbcolor (193, 205, 193)},
403:
        {"honeydew3"
404:
        {"honeydew4"
                                     rgbcolor (131, 139, 131)},
405:
        {"hot-pink"
                                     rgbcolor (255, 105, 180)},
                                     rgbcolor (255, 105, 180)},
406:
        {"HotPink"
```

```
407:
        {"HotPink1"
                                     rgbcolor (255, 110, 180)},
408:
        {"HotPink2"
                                     rgbcolor (238, 106, 167)},
                                                      96, 144)},
                                     rgbcolor (205,
409:
        {"HotPink3"
                                     rgbcolor (139,
                                                      58,
410:
        {"HotPink4"
                                                           98)},
411:
        {"indian-red"
                                     rgbcolor (205,
                                                      92,
                                                           92) },
412:
        {"IndianRed"
                                     rgbcolor (205,
                                                      92,
                                                           92) },
                                     rgbcolor (255, 106, 106)},
        {"IndianRed1"
413:
                                     rgbcolor (238,
414:
        {"IndianRed2"
                                                      99,
                                     rgbcolor (205,
415:
        {"IndianRed3"
                                                      85,
                                                           85)},
                                     rgbcolor (139,
416:
        {"IndianRed4"
                                                      58,
                                                           58)},
417:
        {"indigo"
                                     rgbcolor (75,
                                                       0, 130)},
                                     rgbcolor (255, 255, 240)},
418:
        {"ivory"
419:
        {"ivory1"
                                     rgbcolor (255, 255, 240)},
                                     rgbcolor (238, 238, 224)},
420:
        {"ivory2"
                                     rgbcolor (205, 205, 193)},
421:
        {"ivory3"
422:
        {"ivory4"
                                     rgbcolor (139, 139, 131)},
423:
        {"khaki"
                                     rgbcolor (240, 230, 140)},
                                     rgbcolor (255, 246, 143)},
424:
        {"khaki1"
                                     rgbcolor (238, 230, 133)},
425:
        {"khaki2"
                                     rgbcolor (205, 198, 115)},
426:
        {"khaki3"
                                     rgbcolor (139, 134,
427:
        {"khaki4"
                                                           78)},
                                     rgbcolor (230, 230, 250)},
428:
        {"lavender"
                                     rgbcolor (255, 240, 245)},
429:
        {"lavender-blush"
430:
        {"LavenderBlush"
                                     rgbcolor (255, 240, 245)},
                                     rgbcolor (255, 240, 245)},
431:
        {"LavenderBlush1"
432:
        {"LavenderBlush2"
                                     rgbcolor (238, 224, 229)},
433:
        {"LavenderBlush3"
                                     rgbcolor (205, 193, 197)},
        {"LavenderBlush4"
                                     rgbcolor (139, 131, 134)},
434:
                                     rgbcolor (124, 252,
        {"lawn-green"
435:
                                                            0)},
                                     rgbcolor (124, 252,
436:
        {"LawnGreen"
437:
        {"lemon-chiffon"
                                     rgbcolor (255, 250, 205)},
                                     rgbcolor (255, 250, 205)},
438:
        {"LemonChiffon"
                                     rgbcolor (255, 250, 205)},
439:
        {"LemonChiffon1"
                                     rgbcolor (238, 233, 191)},
440:
        {"LemonChiffon2"
        {"LemonChiffon3"
                                     rgbcolor (205, 201, 165)},
441:
                                     rgbcolor (139, 137, 112)},
442:
        {"LemonChiffon4"
                                     rgbcolor (173, 216, 230)},
        {"light-blue"
443:
444:
        {"light-coral"
                                     rgbcolor (240, 128, 128)},
        {"light-cyan"
                                     rgbcolor (224, 255, 255)},
445:
                                     rgbcolor (238, 221, 130)},
        {"light-goldenrod"
446:
447:
        {"light-goldenrod-yellow",
                                     rgbcolor (250, 250, 210)},
                                     rgbcolor (211, 211, 211)},
448:
        {"light-gray"
                                     rgbcolor (144, 238, 144)},
        {"light-green"
449:
450:
        {"light-grey"
                                     rgbcolor (211, 211, 211)},
451:
        {"light-pink"
                                     rgbcolor (255, 182, 193)},
452:
        {"light-salmon"
                                     rgbcolor (255, 160, 122)},
                                     rgbcolor ( 32, 178, 170)},
453:
        {"light-sea-green"
                                   , rgbcolor (135, 206, 250)},
454:
        {"light-sky-blue"
455:
        {"light-slate-blue"
                                     rgbcolor (132, 112, 255)},
        {"light-slate-gray"
                                     rgbcolor (119, 136, 153)},
456:
                                     rgbcolor (119, 136, 153)},
457:
        {"light-slate-grey"
                                     rgbcolor (176, 196, 222)},
458:
        {"light-steel-blue"
                                     rgbcolor (255, 255, 224)},
459:
        {"light-yellow"
                                     rgbcolor (173, 216, 230)},
        {"LightBlue"
460:
461:
        {"LightBlue1"
                                     rgbcolor (191, 239, 255)},
462:
        {"LightBlue2"
                                     rgbcolor (178, 223, 238)},
463:
        {"LightBlue3"
                                     rgbcolor (154, 192, 205)},
                                     rgbcolor (104, 131, 139)},
464:
        {"LightBlue4"
```

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465:
        {"LightCoral"
                                     rgbcolor (240, 128, 128)},
466:
        {"LightCyan"
                                     rgbcolor (224, 255, 255)},
                                     rgbcolor (224, 255, 255)},
467:
        {"LightCyan1"
                                     rgbcolor (209, 238, 238)},
468:
        {"LightCyan2"
469:
        {"LightCyan3"
                                     rgbcolor (180, 205, 205)},
470:
        {"LightCyan4"
                                     rgbcolor (122, 139, 139)},
                                     rgbcolor (238, 221, 130)},
471:
        {"LightGoldenrod"
        {"LightGoldenrod1"
                                     rgbcolor (255, 236, 139)},
472:
                                     rgbcolor (238, 220, 130)},
473:
        {"LightGoldenrod2"
                                     rgbcolor (205, 190, 112)},
474:
        {"LightGoldenrod3"
                                     rgbcolor (139, 129,
475:
        {"LightGoldenrod4"
                                                           76)},
                                     rgbcolor (250, 250, 210)},
476:
        {"LightGoldenrodYellow"
        {"LightGray"
                                     rgbcolor (211, 211, 211)},
477:
                                     rgbcolor (144, 238, 144)},
478:
        {"LightGreen"
                                     rgbcolor (211, 211, 211)},
479:
        {"LightGrey"
480:
        {"LightPink"
                                     rgbcolor (255, 182, 193)},
        {"LightPink1"
                                     rgbcolor (255, 174, 185)},
481:
                                     rgbcolor (238, 162, 173)},
482:
        {"LightPink2"
                                     rgbcolor (205, 140, 149)},
483:
        {"LightPink3"
                                     rgbcolor (139,
484:
        {"LightPink4"
                                                      95, 101)},
                                     rgbcolor (255, 160, 122)},
485:
        {"LightSalmon"
486:
        {"LightSalmon1"
                                     rgbcolor (255, 160, 122)},
487:
        {"LightSalmon2"
                                     rgbcolor (238, 149, 114)},
        {"LightSalmon3"
                                     rgbcolor (205, 129,
488:
                                                           98)},
                                     rgbcolor (139,
489:
        {"LightSalmon4"
                                                     87,
                                                           66) },
490:
        {"LightSeaGreen"
                                     rgbcolor ( 32, 178, 170)},
491:
        {"LightSkyBlue"
                                     rgbcolor (135, 206, 250)},
        {"LightSkyBlue1"
                                     rgbcolor (176, 226, 255)},
492:
                                     rgbcolor (164, 211, 238)},
        {"LightSkyBlue2"
493:
                                     rgbcolor (141, 182, 205)},
494:
        {"LightSkyBlue3"
495:
        {"LightSkyBlue4"
                                     rgbcolor ( 96, 123, 139)},
                                     rgbcolor (132, 112, 255)},
        {"LightSlateBlue"
496:
                                     rgbcolor (119, 136, 153)},
497:
        {"LightSlateGray"
                                     rgbcolor (119, 136, 153)},
498:
        {"LightSlateGrey"
                                     rgbcolor (176, 196, 222)},
499:
        {"LightSteelBlue"
                                     rgbcolor (202, 225, 255)},
500:
        {"LightSteelBlue1"
                                     rgbcolor (188, 210, 238)},
        {"LightSteelBlue2"
501:
        {"LightSteelBlue3"
                                     rgbcolor (162, 181, 205)},
502:
                                     rgbcolor (110, 123, 139)},
503:
        {"LightSteelBlue4"
                                     rgbcolor (255, 255, 224)},
        {"LightYellow"
504:
505:
        {"LightYellow1"
                                     rgbcolor (255, 255, 224)},
                                     rgbcolor (238, 238, 209)},
506:
        {"LightYellow2"
                                     rgbcolor (205, 205, 180)},
507:
        {"LightYellow3"
                                     rgbcolor (139, 139, 122)},
508:
        {"LightYellow4"
                                     rgbcolor ( 0, 255,
509:
        {"lime"
510:
        {"lime-green"
                                     rgbcolor ( 50, 205,
                                                           50)},
                                     rgbcolor ( 50, 205,
511:
        {"LimeGreen"
                                                           50)},
                                     rgbcolor (250, 240, 230)},
512:
        {"linen"
                                                       0, 255)},
513:
                                     rgbcolor (255,
        { "magenta"
                                     rgbcolor (255,
                                                       0, 255)},
514:
        { "magenta1"
515:
        {"magenta2"
                                     rgbcolor (238,
                                                       0, 238)},
                                     rgbcolor (205,
                                                       0, 205)},
        {"magenta3"
516:
                                     rgbcolor (139,
517:
        { "magenta4"
                                                       0, 139)},
                                     rgbcolor (176,
518:
        { "maroon"
                                                      48,
                                                           96)},
                                                      52, 179)},
519:
        { "maroon1"
                                     rgbcolor (255,
520:
        { "maroon2"
                                     rgbcolor (238,
                                                      48, 167)},
                                     rgbcolor (205,
                                                      41, 144)},
521:
        {"maroon3"
522:
        { "maroon4"
                                     rgbcolor (139,
                                                      28,
                                                           98)},
```

```
523:
        { "medium-aquamarine"
                                     rgbcolor (102, 205, 170)},
524:
        {"medium-blue"
                                     rgbcolor ( 0,
                                                       0, 205)},
                                     rgbcolor (186,
                                                      85, 211)},
525:
        { "medium-orchid"
                                     rgbcolor (147, 112, 219)},
526:
        {"medium-purple"
527:
        { "medium-sea-green"
                                     rgbcolor ( 60, 179, 113)},
528:
        { "medium-slate-blue"
                                     rgbcolor (123, 104, 238)},
                                     rgbcolor ( 0, 250, 154)},
529:
        { "medium-spring-green"
                                     rgbcolor (72, 209, 204)},
530:
        { "medium-turquoise"
                                     rgbcolor (199,
531:
        { "medium-violet-red"
                                                      21, 133)},
                                     rgbcolor (102, 205, 170)},
532:
        { "MediumAquamarine"
533:
        { "MediumBlue"
                                     rgbcolor ( 0,
                                                       0, 205)},
                                     rgbcolor (186,
534:
        { "MediumOrchid"
                                                      85, 211)},
                                     rgbcolor (224, 102, 255)},
        { "MediumOrchid1"
535:
                                                      95, 238) },
                                     rgbcolor (209,
536:
        { "MediumOrchid2"
                                     rgbcolor (180,
537:
        {"MediumOrchid3"
                                                      82, 205)},
538:
        { "MediumOrchid4"
                                     rgbcolor (122,
                                                      55, 139)},
        { "MediumPurple"
                                     rgbcolor (147, 112, 219)},
539:
540:
        { "MediumPurple1"
                                     rgbcolor (171, 130, 255)},
                                     rgbcolor (159, 121, 238)},
541:
        {"MediumPurple2"
                                     rgbcolor (137, 104, 205)},
542:
        { "MediumPurple3"
                                                     71, 139)},
543:
        {"MediumPurple4"
                                     rgbcolor (93,
                                     rgbcolor ( 60, 179, 113)},
544:
        { "MediumSeaGreen"
                                     rgbcolor (123, 104, 238)},
545:
        { "MediumSlateBlue"
                                     rgbcolor ( 0, 250, 154)},
546:
        { "MediumSpringGreen"
                                     rgbcolor ( 72, 209, 204)},
547:
        { "MediumTurquoise"
548:
        { "MediumVioletRed"
                                     rgbcolor (199,
                                                     21, 133)},
                                                      25, 112)},
549:
        { "midnight-blue"
                                     rgbcolor (25,
                                     rgbcolor ( 25,
        { "MidnightBlue"
                                                     25, 112)},
550:
                                     rgbcolor (245, 255, 250)},
        {"mint-cream"
551:
                                     rgbcolor (245, 255, 250)},
552:
        {"MintCream"
553:
        {"misty-rose"
                                     rgbcolor (255, 228, 225)},
                                     rgbcolor (255, 228, 225)},
554:
        {"MistyRose"
                                     rgbcolor (255, 228, 225)},
555:
        { "MistyRose1"
                                     rgbcolor (238, 213, 210)},
556:
        { "MistyRose2"
                                     rgbcolor (205, 183, 181)},
        {"MistyRose3"
557:
                                     rgbcolor (139, 125, 123)},
558:
        { "MistyRose4"
                                     rgbcolor (255, 228, 181)},
559:
        {"moccasin"
560:
        {"navajo-white"
                                     rgbcolor (255, 222, 173)},
                                     rgbcolor (255, 222, 173)},
561:
        {"NavajoWhite"
                                     rgbcolor (255, 222, 173)},
562:
        {"NavajoWhite1"
563:
        {"NavajoWhite2"
                                     rgbcolor (238, 207, 161)},
                                     rgbcolor (205, 179, 139)},
564:
        {"NavajoWhite3"
                                     rgbcolor (139, 121,
565:
        {"NavajoWhite4"
                                                            94)},
                                                       0, 128)},
566:
        {"navy"
                                     rgbcolor ( 0,
567:
        {"navy-blue"
                                     rgbcolor (
                                                  0,
                                                       0, 128)},
568:
        {"NavyBlue"
                                     rgbcolor ( 0,
                                                       0, 128)},
                                     rgbcolor (253, 245, 230)},
569:
        {"old-lace"
                                     rgbcolor (253, 245, 230)},
570:
        {"OldLace"
571:
        {"olive"
                                     rgbcolor (128, 128,
                                                             0)},
        {"olive-drab"
                                     rgbcolor (107, 142,
                                                            35) },
572:
                                     rgbcolor (107, 142,
573:
        {"OliveDrab"
                                                            35) },
                                     rgbcolor (192, 255,
574:
        {"OliveDrab1"
                                                            62)},
                                     rgbcolor (179, 238,
                                                            58)},
575:
        {"OliveDrab2"
                                     rgbcolor (154, 205,
576:
        {"OliveDrab3"
                                                            50)},
                                     rgbcolor (105, 139,
                                                            34)},
577:
        {"OliveDrab4"
578:
        {"orange"
                                     rgbcolor (255, 165,
                                                             0)},
579:
                                     rgbcolor (255,
        {"orange-red"
                                                      69,
                                                             0)},
                                     rgbcolor (255, 165,
580:
        {"orange1"
                                                             0)},
```

```
581:
        {"orange2"
                                     rgbcolor (238, 154,
                                                             0)},
582:
        {"orange3"
                                     rgbcolor (205, 133,
                                                             0)},
                                     rgbcolor (139,
583:
        {"orange4"
                                                      90,
                                                            0)},
                                     rgbcolor (255,
584:
        {"OrangeRed"
                                                      69,
                                                            0)},
585:
        {"OrangeRed1"
                                     rgbcolor (255,
                                                      69,
                                                             0)},
586:
        {"OrangeRed2"
                                     rgbcolor (238,
                                                      64,
                                                             0)},
                                     rgbcolor (205,
                                                      55,
587:
        {"OrangeRed3"
                                                             0)},
                                     rgbcolor (139,
                                                      37,
588:
        { "OrangeRed4"
                                                             0)},
                                     rgbcolor (218, 112, 214)},
589:
        {"orchid"
                                     rgbcolor (255, 131, 250)},
590:
        {"orchid1"
591:
        {"orchid2"
                                     rgbcolor (238, 122, 233)},
                                     rgbcolor (205, 105, 201)},
592:
        {"orchid3"
        {"orchid4"
                                     rgbcolor (139,
                                                      71, 137)},
593:
                                     rgbcolor (238, 232, 170)},
594:
        {"pale-goldenrod"
                                     rgbcolor (152, 251, 152)},
595:
        {"pale-green"
596:
        {"pale-turquoise"
                                     rgbcolor (175, 238, 238)},
        {"pale-violet-red"
                                     rgbcolor (219, 112, 147)},
597:
                                     rgbcolor (238, 232, 170)},
598:
        {"PaleGoldenrod"
                                     rgbcolor (152, 251, 152)},
599:
        {"PaleGreen"
                                     rgbcolor (154, 255, 154)},
600:
        {"PaleGreen1"
                                     rgbcolor (144, 238, 144)},
601:
        {"PaleGreen2"
                                     rgbcolor (124, 205, 124)},
602:
        {"PaleGreen3"
                                     rgbcolor ( 84, 139,
603:
        {"PaleGreen4"
        {"PaleTurquoise"
                                     rgbcolor (175, 238, 238)},
604:
                                     rgbcolor (187, 255, 255)},
605:
        {"PaleTurquoise1"
606:
        {"PaleTurquoise2"
                                     rgbcolor (174, 238, 238)},
607:
        {"PaleTurquoise3"
                                     rgbcolor (150, 205, 205)},
                                     rgbcolor (102, 139, 139)},
608:
        {"PaleTurquoise4"
                                     rgbcolor (219, 112, 147)},
609:
        {"PaleVioletRed"
                                     rgbcolor (255, 130, 171)},
610:
        {"PaleVioletRed1"
611:
        {"PaleVioletRed2"
                                     rgbcolor (238, 121, 159)},
                                     rgbcolor (205, 104, 137)},
612:
        {"PaleVioletRed3"
                                                           93)},
613:
        {"PaleVioletRed4"
                                     rgbcolor (139,
                                                      71,
                                     rgbcolor (255, 239, 213)},
614:
        {"papaya-whip"
615:
                                     rgbcolor (255, 239, 213)},
        {"PapayaWhip"
                                     rgbcolor (255, 218, 185)},
616:
        {"peach-puff"
                                     rgbcolor (255, 218, 185)},
617:
        {"PeachPuff"
618:
        {"PeachPuff1"
                                     rgbcolor (255, 218, 185)},
619:
                                     rgbcolor (238, 203, 173)},
        {"PeachPuff2"
                                     rgbcolor (205, 175, 149)},
620:
        {"PeachPuff3"
621:
        {"PeachPuff4"
                                     rgbcolor (139, 119, 101)},
                                     rgbcolor (205, 133,
622:
        {"peru"
                                                           63) },
                                     rgbcolor (255, 192, 203)},
623:
        {"pink"
                                     rgbcolor (255, 181, 197)},
624:
        {"pink1"
                                     rgbcolor (238, 169, 184)},
625:
        {"pink2"
626:
        {"pink3"
                                     rgbcolor (205, 145, 158)},
        {"pink4"
                                     rgbcolor (139,
                                                     99, 108)},
627:
                                     rgbcolor (221, 160, 221)},
628:
        {"plum"
629:
        {"plum1"
                                     rgbcolor (255, 187, 255)},
        {"plum2"
                                     rgbcolor (238, 174, 238)},
630:
                                     rgbcolor (205, 150, 205)},
631:
        {"plum3"
                                     rgbcolor (139, 102, 139)},
632:
        {"plum4"
                                     rgbcolor (176, 224, 230)},
633:
        {"powder-blue"
                                     rgbcolor (176, 224, 230)},
634:
        {"PowderBlue"
635:
        {"purple"
                                     rgbcolor (160,
                                                      32, 240)},
636:
        {"purple1"
                                     rgbcolor (155,
                                                      48, 255)},
637:
                                     rgbcolor (145,
                                                      44, 238)},
        {"purple2"
        {"purple3"
638:
                                     rgbcolor (125,
                                                      38, 205)},
```

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639:
        {"purple4"
                                     rgbcolor (85,
                                                      26, 139)},
640:
                                     rgbcolor (102,
                                                      51, 153)},
        {"rebecca-purple"
                                     rgbcolor (102,
                                                      51, 153)},
641:
        {"RebeccaPurple"
                                     rgbcolor (255,
642:
        {"red"
                                                       0,
                                                             0)},
643:
        { "red1"
                                     rgbcolor (255,
                                                       Ο,
                                                             0)},
644:
        { "red2"
                                     rgbcolor (238,
                                                       0,
                                                             0)},
                                     rgbcolor (205,
645:
        {"red3"
                                                       0,
                                                             0)},
                                     rgbcolor (139,
646:
        {"red4"
                                                       Ο,
                                                             0)},
                                     rgbcolor (188, 143, 143)},
647:
        {"rosy-brown"
                                     rgbcolor (188, 143, 143)},
648:
        {"RosyBrown"
649:
        {"RosyBrown1"
                                     rgbcolor (255, 193, 193)},
                                     rgbcolor (238, 180, 180)},
650:
        {"RosyBrown2"
                                     rgbcolor (205, 155, 155)},
        {"RosyBrown3"
651:
                                     rgbcolor (139, 105, 105)},
652:
        {"RosyBrown4"
                                     rgbcolor ( 65, 105, 225)},
653:
        {"royal-blue"
654:
        {"RoyalBlue"
                                     rgbcolor (65, 105, 225)},
        {"RoyalBlue1"
                                     rgbcolor ( 72, 118, 255)},
655:
                                     rgbcolor ( 67, 110, 238)},
        {"RoyalBlue2"
656:
                                     rgbcolor ( 58,
                                                      95, 205)},
657:
        {"RoyalBlue3"
                                     rgbcolor ( 39,
                                                      64, 139)},
658:
        {"RoyalBlue4"
659:
        {"saddle-brown"
                                     rgbcolor (139,
                                                      69,
                                                            19) } ,
                                     rgbcolor (139,
                                                            19) },
660:
        {"SaddleBrown"
                                                      69,
                                     rgbcolor (250, 128, 114)},
661:
        {"salmon"
662:
        {"salmon1"
                                     rgbcolor (255, 140, 105)},
                                     rgbcolor (238, 130,
663:
        {"salmon2"
                                                            98)},
664:
        {"salmon3"
                                     rgbcolor (205, 112,
                                                            84)},
665:
        {"salmon4"
                                     rgbcolor (139,
                                                      76,
                                                            57) },
        { "sandy-brown"
                                     rgbcolor (244, 164,
666:
                                                            96) },
                                     rgbcolor (244, 164,
        { "SandyBrown"
667:
                                                            96) },
                                     rgbcolor (46, 139,
668:
        {"sea-green"
                                                            87) },
669:
        {"SeaGreen"
                                     rgbcolor ( 46, 139,
                                                            87)},
                                     rgbcolor ( 84, 255, 159)},
670:
        {"SeaGreen1"
                                     rgbcolor ( 78, 238, 148)},
671:
        {"SeaGreen2"
                                     rgbcolor ( 67, 205, 128)},
672:
        {"SeaGreen3"
                                     rgbcolor ( 46, 139,
673:
        {"SeaGreen4"
                                                            87)},
                                     rgbcolor (255, 245, 238)},
674:
        {"seashell"
                                     rgbcolor (255, 245, 238)},
675:
        {"seashell1"
676:
        {"seashell2"
                                     rgbcolor (238, 229, 222)},
677:
                                     rgbcolor (205, 197, 191)},
        {"seashell3"
                                     rgbcolor (139, 134, 130)},
678:
        {"seashell4"
679:
        {"sienna"
                                     rgbcolor (160, 82,
                                     rgbcolor (255, 130,
                                                            71)},
680:
        {"sienna1"
                                     rgbcolor (238, 121,
                                                            66) },
681:
        {"sienna2"
682:
        {"sienna3"
                                     rgbcolor (205, 104,
                                                            57)},
                                     rgbcolor (139, 71,
683:
        {"sienna4"
                                     rgbcolor (192, 192, 192)},
684:
        {"silver"
                                     rgbcolor (135, 206, 235)},
685:
        {"sky-blue"
                                     rgbcolor (135, 206, 235)},
686:
        {"SkyBlue"
687:
        {"SkyBlue1"
                                     rgbcolor (135, 206, 255)},
        {"SkyBlue2"
                                     rgbcolor (126, 192, 238)},
688:
                                     rgbcolor (108, 166, 205)},
689:
        {"SkyBlue3"
                                     rgbcolor ( 74, 112, 139)},
690:
        {"SkyBlue4"
                                     rgbcolor (106,
691:
        {"slate-blue"
                                                      90, 205)},
                                     rgbcolor (112, 128, 144)},
692:
        {"slate-gray"
                                     rgbcolor (112, 128, 144)},
693:
        {"slate-grey"
694:
        {"SlateBlue"
                                     rgbcolor (106,
                                                      90, 205)},
                                     rgbcolor (131, 111, 255)},
695:
        {"SlateBlue1"
                                     rgbcolor (122, 103, 238)},
696:
        {"SlateBlue2"
```

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697:
        {"SlateBlue3"
                                     rgbcolor (105,
                                                      89, 205)},
698:
        {"SlateBlue4"
                                     rgbcolor (71,
                                                      60, 139)},
                                     rgbcolor (112, 128, 144)},
699:
        {"SlateGray"
700:
        {"SlateGray1"
                                     rgbcolor (198, 226, 255)},
701:
        {"SlateGray2"
                                     rgbcolor (185, 211, 238)},
702:
        {"SlateGray3"
                                     rgbcolor (159, 182, 205)},
703:
        {"SlateGray4"
                                     rgbcolor (108, 123, 139)},
                                     rgbcolor (112, 128, 144)},
704:
        {"SlateGrey"
                                     rgbcolor (255, 250, 250)},
705:
        {"snow"
                                     rgbcolor (255, 250, 250)},
706:
        {"snow1"
                                     rgbcolor (238, 233, 233)},
707:
        {"snow2"
708:
                                     rgbcolor (205, 201, 201)},
        {"snow3"
                                     rgbcolor (139, 137, 137)},
709:
        { "snow4"
                                     rgbcolor ( 0, 255, 127)},
710:
        {"spring-green"
                                                  0, 255, 127)},
711:
        {"SpringGreen"
                                     rgbcolor (
712:
        {"SpringGreen1"
                                     rgbcolor (
                                                  0, 255, 127)},
713:
        {"SpringGreen2"
                                     rgbcolor (
                                                  0, 238, 118)},
                                                0, 205, 102)},
714:
        {"SpringGreen3"
                                     rgbcolor (
715:
                                     rgbcolor ( 0, 139,
        {"SpringGreen4"
                                     rgbcolor ( 70, 130, 180)},
716:
        {"steel-blue"
                                     rgbcolor ( 70, 130, 180)},
717:
        {"SteelBlue"
                                     rgbcolor (99, 184, 255)},
718:
        {"SteelBlue1"
                                     rgbcolor (92, 172, 238)},
719:
        {"SteelBlue2"
        {"SteelBlue3"
                                     rgbcolor ( 79, 148, 205)},
720:
                                     rgbcolor ( 54, 100, 139)},
721:
        {"SteelBlue4"
722:
        {"tan"
                                     rgbcolor (210, 180, 140)},
723:
        {"tan1"
                                     rgbcolor (255, 165,
724:
        {"tan2"
                                     rgbcolor (238, 154,
                                                           73)},
725:
                                     rgbcolor (205, 133,
        {"tan3"
                                                           63)},
        {"tan4"
                                     rgbcolor (139,
                                                      90,
726:
                                                           43)},
727:
        {"teal"
                                     rgbcolor ( 0, 128, 128)},
                                     rgbcolor (216, 191, 216)},
728:
        {"thistle"
                                     rgbcolor (255, 225, 255)},
729:
        {"thistle1"
                                     rgbcolor (238, 210, 238)},
730:
        {"thistle2"
                                     rgbcolor (205, 181, 205)},
731:
        {"thistle3"
                                     rgbcolor (139, 123, 139)},
732:
        {"thistle4"
                                     rgbcolor (255,
                                                      99,
733:
        {"tomato"
                                                           71)},
734:
        {"tomato1"
                                     rgbcolor (255,
                                                      99,
                                                           71)},
735:
        {"tomato2"
                                     rgbcolor (238,
                                                      92,
                                                           66) },
736:
        {"tomato3"
                                     rgbcolor (205,
                                                      79,
                                                           57)},
737:
        {"tomato4"
                                     rgbcolor (139,
                                                      54,
                                                           38)},
                                     rgbcolor ( 64, 224, 208)},
738:
        {"turquoise"
                                                0, 245, 255)},
739:
        {"turquoise1"
                                     rgbcolor (
                                     rgbcolor ( 0, 229, 238)},
740:
        {"turquoise2"
                                                 0, 197, 205)},
741:
        {"turquoise3"
                                     rgbcolor (
                                     rgbcolor (
742:
        {"turquoise4"
                                                  0, 134, 139)},
                                     rgbcolor (238, 130, 238)},
743:
        {"violet"
                                     rgbcolor (208,
                                                     32, 144)},
744:
        {"violet-red"
                                                      32, 144)},
745:
        {"VioletRed"
                                     rgbcolor (208,
746:
        {"VioletRed1"
                                     rgbcolor (255,
                                                      62, 150)},
                                                      58, 140)},
747:
        {"VioletRed2"
                                     rgbcolor (238,
                                     rgbcolor (205,
748:
        {"VioletRed3"
                                                      50, 120)},
                                     rgbcolor (139,
749:
        {"VioletRed4"
                                                      34,
                                                           82) },
                                     rgbcolor (128, 128, 128)},
750:
        {"web-gray"
                                     rgbcolor ( 0, 128,
751:
        {"web-green"
752:
        { "web-grey"
                                     rgbcolor (128, 128, 128)},
753:
                                     rgbcolor (128,
        {"web-maroon"
                                                       Ο,
                                                            0)},
                                                       0, 128)},
754:
        {"web-purple"
                                     rgbcolor (128,
```

```
755:
        {"WebGray"
                                     rgbcolor (128, 128, 128)},
756:
        {"WebGreen"
                                     rgbcolor ( 0, 128,
                                                            0)},
                                     rgbcolor (128, 128, 128)},
757:
        { "WebGrey"
                                                       Ο,
758:
                                     rgbcolor (128,
        {"WebMaroon"
                                     rgbcolor (128,
759:
        {"WebPurple"
                                                       0, 128)},
                                     rgbcolor (245, 222, 179)},
760:
        {"wheat"
761:
        {"wheat1"
                                     rgbcolor (255, 231, 186)},
                                     rgbcolor (238, 216, 174)},
762:
        {"wheat2"
763:
                                     rgbcolor (205, 186, 150)},
        {"wheat3"
                                   , rgbcolor (139, 126, 102)},
        {"wheat4"
764:
                                   , rgbcolor (255, 255, 255)},
765:
        {"white"
                                   , rgbcolor (245, 245, 245)},
766:
        {"white-smoke"
                                   , rgbcolor (245, 245, 245)},
767:
        {"WhiteSmoke"
                                   , rgbcolor (190, 190, 190)},
768:
        {"x11-gray"
                                     rgbcolor ( 0, 255,
        {"x11-green"
769:
770:
        {"x11-grey"
                                     rgbcolor (190, 190, 190)},
771:
        {"x11-maroon"
                                     rgbcolor (176, 48,
                                                           96)},
                                     rgbcolor (160,
                                                     32, 240)},
772:
        {"x11-purple"
                                     rgbcolor (190, 190, 190)},
773:
        {"X11Gray"
774:
                                     rgbcolor ( 0, 255,
        {"X11Green"
                                   , rgbcolor (190, 190, 190)},
775:
        { "X11Grey"
                                     rgbcolor (176, 48,
776:
        {"X11Maroon"
                                                           96)},
                                     rgbcolor (160,
                                                      32, 240)},
777:
        {"X11Purple"
                                     rgbcolor (255, 255,
778:
        {"yellow"
                                                            0)},
                                   , rgbcolor (154, 205,
        {"yellow-green"
779:
                                                           50)},
780:
        {"yellow1"
                                   , rgbcolor (255, 255,
                                                            0)},
                                   , rgbcolor (238, 238,
781:
        {"yellow2"
                                                            0)},
782:
        {"yellow3"
                                   , rgbcolor (205, 205,
                                                            0)},
        {"yellow4"
                                   , rgbcolor (139, 139,
783:
                                                            0)},
        {"YellowGreen"
                                   , rgbcolor (154, 205,
784:
                                                           50)},
785: };
```