



# 中华人民共和国国家标准

GB/T 18922—2008  
代替 GB/T 18922—2002

## 建筑颜色的表示方法

Methods of color specification for architecture

2008-05-26 发布

2008-11-01 实施

中华人民共和国国家质量监督检验检疫总局  
中国国家标准化管理委员会 发布

## 前 言

本标准是对 GB/T 18922—2002《建筑颜色的表示方法》的修订,主要修订内容如下:

- 修订部分颜色标号;
- 增加规范性引用文件;
- 增加建筑颜色的数量;
- 增加目视评价;
- 增加附录 A。

本标准的附录 A 为规范性附录。

本标准由全国颜色标准化技术委员会提出并归口。

本标准主要起草单位:深圳市海川实业股份有限公司、深圳海川色彩科技有限公司、上海启鹏化工有限公司。

本标准主要起草人:何唯平、赵蕴岚、杜方彦、黄永衡、许钧强、裴晓禹、鲍喜斌、张杰、郑炜。

本标准于 2002 年 12 月首次发布。

## 建筑颜色的表示方法

### 1 范围

本标准规定了建筑颜色的表示方法和建筑颜色色卡(简称建筑色卡)的色度值。

本标准适用于建筑设计、建筑施工、建筑材料、建筑装饰、环境设计等领域中颜色的定量表示;也适用于建筑色卡的制作和选取。

### 2 规范性引用文件

下列文件中的条款通过本标准的引用而成为本标准的条款。凡是注日期的引用文件,其随后所有的修改单(不包括勘误的内容)或修订版均不适用于本标准,然而,鼓励根据本标准达成协议的各方研究是否可使用这些文件的最新版本。凡是不注日期的引用文件,其最新版本适用于本标准。

GB/T 3979 物体色的测量方法

GB/T 7921 均匀色空间和色差公式

GB/T 15608 中国颜色体系

GB/T 15610 同色异谱的目视评价方法

### 3 建筑颜色的表示方法

#### 3.1 标号和编码

建筑颜色的表示方法用中国颜色体系标号和相应的建筑颜色编码表示。

附录 A 中每一颜色均标出了中国颜色体系标号和相应的建筑颜色编码。

#### 3.2 排列表

选取 1 026 种常用的建筑颜色,排列成 171 行,每行 6 列的表格,见附录 A。

#### 3.3 编码规则

建筑颜色的编码规则根据行和列的数值按 4 位阿拉伯数字连续编码,前 3 位为行码,后 1 位为列码。如第 1 行第 1 列编码为 0011,第 18 行第 5 列的编码为 0185,第 132 行第 6 列的编码为 1326,依次类推。

### 4 建筑色卡

#### 4.1 定义

建筑色卡是建筑颜色中使用频率较高的实物标样。

#### 4.2 颜色的选取

建筑色卡的颜色从附录 A 中选取,选用颜色数量可根据实际需要确定,编排方法可按建筑颜色编码、使用场所和习惯等确定。

#### 4.3 色度值的标定

建筑色卡的每一颜色均应标定其色度值及根据 GB/T 3979 确定的三刺激值和色品坐标。建筑色卡的色度值应按 GB/T 15608 的规定。

#### 4.4 色差

建筑色卡的色差用 GB/T 7921 中规定的 CIE1976L<sup>\*</sup>a<sup>\*</sup>b<sup>\*</sup> 均匀色空间和色差公式计算建筑色卡标定色度值与标准值的色差  $\Delta E_{ab}^*$ ,并用  $\Delta E_{ab}^*$  评价建筑色卡的制作精度。

建筑色卡标定色度值与其标准值的色差  $\Delta E_{ab}^* \leq 3$ 。

#### 4.5 标识

建筑色卡用中国颜色体系标号和相应的建筑颜色编码标识。在颜色信息交换中,建筑色卡、中国颜色体系标号、建筑颜色编码具有同等效用。

#### 4.6 目视评价

用建筑色卡做颜色目视评价时,应按 GB/T 15610 规定进行。

附录 A  
(规范性附录)  
建筑颜色排列表

|     | 1                    | 2                    | 3                     | 4                     | 5                     | 6                     |
|-----|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 001 | 9.4Y 9/1.2<br>0011   | 0.6GY 9/1.8<br>0012  | 9.4Y 9/4.8<br>0013    | 10Y 8.5/7.6<br>0014   | 10Y 8.5/6.4<br>0015   | 9.4Y 9/3.6<br>0016    |
| 002 | 8.1Y 9/1.2<br>0021   | 8.1Y 9/2<br>0022     | 8.1Y 9/5.2<br>0023    | 8.1Y 8.5/8<br>0024    | 8.1Y 8.5/6.4<br>0025  | 8.8Y 9/3.6<br>0026    |
| 003 | 8.1Y 8.5/2<br>0031   | 8.1Y 8.5/3.6<br>0032 | 9.4Y 8/6.4<br>0033    | 10Y 7/6<br>0034       | 8.8Y 8/8<br>0035      | 9.4Y 8/5.2<br>0036    |
| 004 | 8.1Y 7.5/2<br>0041   | 8.8Y 7.5/3.2<br>0042 | 7.5Y 6.5/4.4<br>0043  | 6.3Y 5/4<br>0044      | 6.9Y 5.5/4<br>0045    | 8.8Y 7/4.8<br>0046    |
| 005 | 8.1Y 6.5/2<br>0051   | 7.5Y 6.5/3.2<br>0052 | 6.9Y 5/2.8<br>0053    | 2.5Y 3/1.8<br>0054    | 6.3Y 4/2.4<br>0055    | 7.5Y 6/2.8<br>0056    |
| 006 | 7.5Y 9/1.2<br>0061   | 7.5Y 9/2<br>0062     | 5.6Y 9/5.2<br>0063    | 4.4Y 8.5/7.6<br>0064  | 5Y 8.5/6.4<br>0065    | 6.3Y 9/3.6<br>0066    |
| 007 | 6.3Y 8.5/2.4<br>0071 | 6.3Y 8.5/3.6<br>0072 | 6.3Y 8/6.4<br>0073    | 5.6Y 7/6.4<br>0074    | 6.3Y 8/8<br>0075      | 6.3Y 8/5.2<br>0076    |
| 008 | 7.5Y 7.5/2<br>0081   | 6.3Y 7.5/3.6<br>0082 | 5.6Y 6.5/4.4<br>0083  | 3.8Y 4.5/3.6<br>0084  | 3.8Y 5.5/4.4<br>0085  | 6.3Y 7/4.8<br>0086    |
| 009 | 3.8Y 7.5/2.4<br>0091 | 3.8Y 7.5/3.6<br>0092 | 3.1Y 6.5/4.4<br>0093  | 1.9Y 5/4<br>0094      | 1.9Y 5.5/4.4<br>0095  | 4.4Y 7/4.8<br>0096    |
| 010 | 5Y 9/1.4<br>0101     | 5Y 9/2.4<br>0102     | 3.1Y 8.5/5.2<br>0103  | 2.5Y 8.5/7.6<br>0104  | 3.1Y 8.5/6.4<br>0105  | 3.8Y 9/3.6<br>0106    |
| 011 | 4.4Y 8.5/2.4<br>0111 | 4.4Y 8/4<br>0112     | 2.5Y 8/6.8<br>0113    | 1.9Y 6.5/7.2<br>0114  | 2.5Y 7.5/8<br>0115    | 3.1Y 8/5.2<br>0116    |
| 012 | 5Y 9/1.4<br>0121     | 3.1Y 9/2.4<br>0122   | 1.3Y 8.5/5.2<br>0123  | 9.4YR 8/8<br>0124     | 10YR 8/7.2<br>0125    | 3.1Y 8.5/4<br>0126    |
| 013 | 3.1Y 9/1.6<br>0131   | 2.5Y 9/2<br>0132     | 9.4YR 8/5.6<br>0133   | 8.1YR 7.5/8<br>0134   | 8.1YR 8/7.2<br>0135   | 10YR 8.5/4<br>0136    |
| 014 | 0.6Y 8.5/2.4<br>0141 | 10YR 8/4.4<br>0142   | 8.1YR 7.5/6.8<br>0143 | 6.9YR 6.5/7.6<br>0144 | 6.9YR 7/8<br>0145     | 9.4YR 7.5/5.6<br>0146 |
| 015 | 1.9Y 7.5/2.4<br>0151 | 0.6Y 7/4<br>0152     | 8.8YR 6/4.8<br>0153   | 7.5YR 4.5/4<br>0154   | 8.1YR 5.5/4.8<br>0155 | 8.8YR 7/5.6<br>0156   |

|     | 1                     | 2                     | 3                     | 4                     | 5                     | 6                     |
|-----|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 016 | 1.3Y 6.5/2.4<br>0161  | 10YR 6.5/4<br>0162    | 9.4YR 4.5/3.2<br>0163 | 7.5YR 3.5/1.8<br>0164 | 10YR 4/2.8<br>0165    | 9.4YR 5.5/3.6<br>0166 |
| 017 | 0.6Y 9/1.4<br>0171    | 8.8YR 9/1.8<br>0172   | 4.4YR 8/6<br>0173     | 2.5YR 7/8.8<br>0174   | 3.8YR 7.5/7.2<br>0175 | 5.6YR 8.5/3.6<br>0176 |
| 018 | 9.4Y 8/2.4<br>0181    | 5.6YR 8/4.4<br>0182   | 4.4YR 7/7.2<br>0183   | 3.8YR 6.5/6.8<br>0184 | 3.8YR 6.5/8.4<br>0185 | 4.4YR 7.5/6<br>0186   |
| 019 | 8.8YR 7.5/2.4<br>0191 | 6.3YR 7/4<br>0192     | 4.4YR 6/5.2<br>0193   | 3.8YR 4.5/4.4<br>0194 | 4.4YR 5/4.8<br>0195   | 4.4YR 6.5/5.6<br>0196 |
| 020 | 8.8YR 6.5/2<br>0201   | 5.6YR 6.5/4<br>0202   | 5.6YR 5/3.2<br>0203   | 10R 3/3.2<br>0204     | 5YR 4/2.8<br>0205     | 5YR 5.5/3.6<br>0206   |
| 021 | 8.1YR 9/1.2<br>0211   | 6.3YR 9/2<br>0212     | 1.3YR 8/5.6<br>0213   | 9.4R 7/9.2<br>0214    | 0.6YR 7.5/7.2<br>0215 | 3.1YR 8/4<br>0216     |
| 022 | 5YR 8/2.4<br>0221     | 3.1YR 8/4<br>0222     | 10R 7/7.2<br>0223     | 9.4R 5.5/8<br>0224    | 9.4R 6.5/9.2<br>0225  | 1.3YR 7.5/5.6<br>0226 |
| 023 | 5.6YR 7.5/2<br>0231   | 2.5YR 7/3.6<br>0232   | 1.3YR 5.5/4.8<br>0233 | 1.9YR 4/4<br>0234     | 0.6YR 5/4.8<br>0235   | 0.6YR 6.5/5.6<br>0236 |
| 024 | 4.4YR 6.5/2<br>0241   | 3.1YR 6/3.6<br>0242   | 1.9YR 4.5/3.2<br>0243 | 10R 3/2.8<br>0244     | 2.5YR 4/2.8<br>0245   | 2.5YR 5.5/3.2<br>0246 |
| 025 | 5YR 9/1<br>0251       | 1.9YR 9/1.8<br>0252   | 0.6YR 7.5/4.8<br>0253 | 5.6R 6.5/8.8<br>0254  | 5.6R 7/7.2<br>0255    | 0.6YR 8.5/3.2<br>0256 |
| 026 | 9.4R 8.5/1.8<br>0261  | 8.1R 7.5/3.6<br>0262  | 5.6R 7/6.8<br>0263    | 6.9R 5/6<br>0264      | 6.3R 6/6.4<br>0265    | 6.3R 7/5.2<br>0266    |
| 027 | 0.6YR 7/2<br>0271     | 8.1R 7/3.6<br>0272    | 6.9R 5.5/4.8<br>0273  | 6.9R 4/4<br>0274      | 7.5R 5/4.4<br>0275    | 6.3R 6.5/5.2<br>0276  |
| 028 | 0.6YR 6.5/1.6<br>0281 | 8.1R 6/3.6<br>0282    | 8.1R 4.5/2.8<br>0283  | 6.9R 3/3.6<br>0284    | 8.1R 4/2.4<br>0285    | 7.5R 5.5/3.2<br>0286  |
| 029 | 0.6R 9/1.4<br>0291    | 4R 8.5/1.8<br>0292    | 8.8RP 8/5.2<br>0293   | 10RP 6.5/7.6<br>0294  | 10RP 7.5/5.6<br>0295  | 10RP 8/3.6<br>0296    |
| 030 | 5.6R 8/2<br>0301      | 9.4RP 7.5/3.6<br>0302 | 10RP 6.5/6.8<br>0303  | 10RP 5/5.6<br>0304    | 9.4RP 5.5/6.4<br>0305 | 9.4RP 7/5.2<br>0306   |
| 031 | 10RP 7.5/2<br>0311    | 9.4RP 7/3.6<br>0312   | 8.8RP 5.5/4.4<br>0313 | 0.6R 4/4<br>0314      | 9.4RP 4.5/4.4<br>0315 | 8.8RP 6.5/5.2<br>0316 |
| 032 | 9.4RP 6.5/1.8<br>0321 | 10RP 6/3.2<br>0322    | 10RP 4.5/3.2<br>0323  | 7.5R 2.5/1.8<br>0324  | 9.4RP 3.5/2.8<br>0325 | 9.4RP 5/2.8<br>0326   |

|     | 1                     | 2                    | 3                     | 4                     | 5                     | 6                     |
|-----|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 033 | 7.5RP 9/1.2<br>0331   | 0.6R 9/1.8<br>0332   | 3.1RP 8/5.6<br>0333   | 2.5RP 7/7.2<br>0334   | 3.8RP 7.5/5.6<br>0335 | 2.5RP 8.5/3.6<br>0336 |
| 034 | 6.3RP 8.5/2<br>0341   | 3.8RP 7.5/4<br>0342  | 2.5RP 7/7.6<br>0343   | 3.8RP 5/5.6<br>0344   | 3.1RP 6/6.8<br>0345   | 3.1RP 7.5/5.2<br>0346 |
| 035 | 3.1RP 7.5/2<br>0351   | 3.1RP 7/3.2<br>0352  | 3.1RP 5.5/4.8<br>0353 | 3.8RP 4/4.4<br>0354   | 3.1RP 4.5/4.4<br>0355 | 3.1RP 6.5/5.2<br>0356 |
| 036 | 1.9RP 6.5/2<br>0361   | 1.9RP 6/3.2<br>0362  | 2.5RP 4.5/3.2<br>0363 | 5.6RP 2.5/2.8<br>0364 | 3.8RP 3.5/2.8<br>0365 | 3.1RP 5/3.2<br>0366   |
| 037 | 2.5RP 9/1.2<br>0371   | 0.6RP 9/1.6<br>0372  | 9.4P 8/5.2<br>0373    | 10P 6.5/7.6<br>0374   | 9.4P 7/7.2<br>0375    | 8.1P 8.5/3.2<br>0376  |
| 038 | 7.5R 8.5/1.6<br>0381  | 9.4P 7.5/3.6<br>0382 | 9.4P 7/7.2<br>0383    | 10R 5/6.8<br>0384     | 8.8P 6/6.8<br>0385    | 9.4P 7.5/5.2<br>0386  |
| 039 | 1.3RP 9/1.2<br>0391   | 7.5P 9/1.6<br>0392   | 8.1P 7.5/5.2<br>0393  | 8.1P 5.5/9.2<br>0394  | 5P 7/7.6<br>0395      | 8.1P 8.5/2.8<br>0396  |
| 040 | 3.8P 8.5/1.6<br>0401  | 5.6P 8/3.6<br>0402   | 5P 7/7.6<br>0403      | 6.3P 5/6.8<br>0404    | 5.6P 6/7.6<br>0405    | 8.1P 7.5/5.2<br>0406  |
| 041 | 9.4P 8/1<br>0411      | 4.4P 7/4<br>0412     | 5.6P 5.5/5.6<br>0413  | 6.9P 4/4.4<br>0414    | 6.3P 5/5.2<br>0415    | 6.3P 6.5/5.2<br>0416  |
| 042 | 0.6P 6.5/1.8<br>0421  | 6.9PB 6/3.6<br>0422  | 7.5PB 4.5/3.6<br>0423 | 8.8PB 2.5/3.6<br>0424 | 7.5PB 3.5/3.6<br>0425 | 6.9PB 5/4<br>0426     |
| 043 | 7.5P 9/1<br>0431      | 2.5P 8.5/1.6<br>0432 | 10PB 8/5<br>0433      | 1.9P 5.5/9.6<br>0434  | 1.9P 7/7.6<br>0435    | 7.5PB 8.5/3.6<br>0436 |
| 044 | 1.3P 8/1.8<br>0441    | 1.3P 8/3.6<br>0442   | 1.9P 7/7.6<br>0443    | 1.9P 5/7.2<br>0444    | 1.3P 6/7.6<br>0445    | 7.5PB 7.5/5.2<br>0446 |
| 045 | 0.6P 7.5/1.8<br>0451  | 0.6P 7/4<br>0452     | 0.6P 5.5/5.6<br>0453  | 0.6P 4/5.2<br>0454    | 0.6P 4.5/5.6<br>0455  | 1.3P 6.5/5.6<br>0456  |
| 046 | 1.3P 6.5/2<br>0461    | 7.5PB 6/3.6<br>0462  | 8.1PB 4.5/3.6<br>0463 | 8.1PB 3/3.2<br>0464   | 8.1PB 3.5/3.2<br>0465 | 6.3PB 5.5/4<br>0466   |
| 047 | 1.3P 9/1<br>0471      | 7.5PB 9/1.6<br>0472  | 6.3PB 8/4.4<br>0473   | 6.9PB 6/9.2<br>0474   | 7.5PB 7/7.6<br>0475   | 6.3PB 8.5/3.6<br>0476 |
| 048 | 8.8PB 8.5/1<br>0481   | 6.3PB 8/3.6<br>0482  | 7.5PB 6/7.6<br>0483   | 8.1PB 4.5/7.6<br>0484 | 8.1PB 5/7.2<br>0485   | 6.9PB 7.5/5.2<br>0486 |
| 049 | 6.9PB 7.5/2.4<br>0491 | 6.9PB 7/4<br>0492    | 6.9PB 5.5/5.2<br>0493 | 8.1PB 4/5.2<br>0494   | 7.5PB 5/5.6<br>0495   | 6.9PB 6.5/5.2<br>0496 |

|     | 1                     | 2                     | 3                     | 4                     | 5                     | 6                     |
|-----|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 050 | 8.8PB 9/1<br>0501     | 1.3PB 8.5/1.8<br>0502 | 5PB 6/9<br>0503       | 4.4PB 6/9.2<br>0504   | 4.4PB 7/7.2<br>0505   | 3.8PB 8.5/3.2<br>0506 |
| 051 | 0.6PB 8.5/1.8<br>0511 | 0.6PB 8/3.6<br>0512   | 1.9PB 6/6.4<br>0513   | 3.8PB 4.5/6.4<br>0514 | 1.9PB 5.5/6.8<br>0515 | 3.1PB 7.5/5.2<br>0516 |
| 052 | 4.4PB 9/1<br>0521     | 9.4PB 9/1.4<br>0522   | 3.1PB 8/5.6<br>0523   | 1.3PB 6.5/7.6<br>0524 | 3.1PB 7.5/5.6<br>0525 | 3.1PB 8.5/3.2<br>0526 |
| 053 | 6.3PB 8.5/1.8<br>0531 | 1.9PB 8/3.2<br>0532   | 5PB 6/7.2<br>0533     | 6.3PB 4.5/7.2<br>0534 | 5.6PB 5/7.6<br>0535   | 4.4PB 7.5/5.6<br>0536 |
| 054 | 1.3PB 7.5/2<br>0541   | 1.3PB 7/3.6<br>0542   | 1.9PB 5.5/5.2<br>0543 | 3.8PB 4/4.8<br>0544   | 2.5PB 5/4.8<br>0545   | 1.3PB 6.5/4.8<br>0546 |
| 055 | 1.9PB 6.5/2<br>0551   | 2.5PB 6/3.6<br>0552   | 3.1PB 4.5/3.2<br>0553 | 5PB 2.5/3.2<br>0554   | 3.1PB 3.5/3.2<br>0555 | 2.5PB 5.5/3.6<br>0556 |
| 056 | 7.5B 9/1<br>0561      | 5B 9/1.4<br>0562      | 3.1B 8/3.6<br>0563    | 5.6B 6.5/7.8<br>0564  | 2.5B 7.5/3.6<br>0565  | 7.5BG 8.5/1.8<br>0566 |
| 057 | 2.5PB 9/1<br>0571     | 6.9B 9/1.4<br>0572    | 5.6B 8/3.6<br>0573    | 7.5B 6.5/7.6<br>0574  | 5B 7.5/3.6<br>0575    | 1.3B 8.5/1.8<br>0576  |
| 058 | 5B 8/1.6<br>0581      | 7.5B 8/3.2<br>0582    | 7.5B 7/6.4<br>0583    | 9.4B 5.5/6.4<br>0584  | 8.8B 6/6<br>0585      | 6.3B 7.5/3.6<br>0586  |
| 059 | 1.9B 8.5/1.6<br>0591  | 3.8B 8/3.2<br>0592    | 5B 7/6<br>0593        | 6.3B 5.5/5.6<br>0594  | 5.6B 6/5.6<br>0595    | 3.8B 7.5/3.6<br>0596  |
| 060 | 3.1B 7.5/1.4<br>0601  | 5.6B 7/3.2<br>0602    | 6.3B 6/4.4<br>0603    | 6.3B 4/3.6<br>0604    | 6.9B 5/4.4<br>0605    | 6.3B 6.5/4.4<br>0606  |
| 061 | 6.3B 6.5/1.8<br>0611  | 5.6B 6/2.8<br>0612    | 6.9B 4.5/2.8<br>0613  | 6.9B 3/2.4<br>0614    | 7.5B 4/2.8<br>0615    | 6.3B 5.5/2.8<br>0616  |
| 062 | 3.1B 8.5/1<br>0621    | 7.5B 7.5/1<br>0622    | 6.3B 6/1.6<br>0623    | 7.5B 4.5/1.6<br>0624  | 6.9B 5/1.6<br>0625    | 8.8B 6.5/1.8<br>0626  |
| 063 | 3.1B 9/1<br>0631      | 0.6B 9/1.2<br>0632    | 7.5G 8.5/3.2<br>0633  | 7.5BG 7/7.6<br>0634   | 7.5BG 7.5/3.6<br>0635 | 3.1BG 8.5/1.8<br>0636 |
| 064 | 6.3BG 8.5/1.4<br>0641 | 7.5BG 8/2.4<br>0642   | 7.5BG 7.5/3.6<br>0643 | 7.5BG 5.5/5.2<br>0644 | 8.1BG 6.5/5.2<br>0645 | 7.5BG 7.5/3.6<br>0646 |
| 065 | 7.5BG 7.5/1.2<br>0651 | 8.1BG 7/2.8<br>0652   | 8.1BG 6/3.6<br>0653   | 7.5BG 4.5/3.6<br>0654 | 7.5BG 5/4<br>0655     | 7.5BG 6.5/4<br>0656   |
| 066 | 8.1BG 6.5/1.2<br>0661 | 7.5BG 6/2.4<br>0662   | 8.1BG 4.5/2.4<br>0663 | 5BG 3/3.6<br>0664     | 8.8BG 4/2.4<br>0665   | 8.1BG 5.5/2.4<br>0666 |

|     | 1                     | 2                     | 3                     | 4                     | 5                     | 6                     |
|-----|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 067 | 0.6G 9/1<br>0671      | 6.9G 9/1<br>0672      | 7.5G 8.5/3.6<br>0673  | 9.4G 7/6.8<br>0674    | 7.5G 7.5/5.6<br>0675  | 6.25G 8.5/2.4<br>0676 |
| 068 | 5.6G 8.5/1.2<br>0681  | 8.1G 8/2.4<br>0682    | 7.5G 7.5/5.2<br>0683  | 9.4G 5.5/5.2<br>0684  | 10G 6.5/5.6<br>0685   | 9.4G 8/3.6<br>0686    |
| 069 | 7.5G 7.5/1.4<br>0691  | 8.8G 7/2.4<br>0692    | 10G 6/4<br>0693       | 10G 4/3.6<br>0694     | 10G 5/4<br>0695       | 9.4G 7/4.4<br>0696    |
| 070 | 9.4G 6.5/1<br>0701    | 9.4G 6.5/2.8<br>0702  | 9.4G 5/2.4<br>0703    | 8.1G 3/2.4<br>0704    | 0.6BG 4/2.4<br>0705   | 10G 5.5/2.4<br>0706   |
| 071 | 0.6G 9/1<br>0711      | 10GY 9/1.2<br>0712    | 1.9G 8.5/3.6<br>0713  | 1.3G 7.5/5.6<br>0714  | 1.9G 8/5.2<br>0715    | 1.9G 8.5/2.8<br>0716  |
| 072 | 1.3G 8.5/1.2<br>0721  | 1.9G 8/2.8<br>0722    | 2.5G 7.5/5.2<br>0723  | 1.9G 5.5/5.2<br>0724  | 1.9G 6.5/5.6<br>0725  | 1.9G 7.5/4<br>0726    |
| 073 | 1.3G 7.5/1.2<br>0731  | 1.3G 7/2.4<br>0732    | 1.9G 6/4<br>0733      | 2.5G 4.5/3.6<br>0734  | 1.9G 5/4<br>0735      | 2.5G 6.5/4<br>0736    |
| 074 | 1.9G 6.5/1.4<br>0741  | 1.9G 6.5/2.8<br>0742  | 2.5G 4.5/2.8<br>0743  | 3.1G 3/3.6<br>0744    | 1.9G 4/2.4<br>0745    | 2.5G 5.5/2.8<br>0746  |
| 075 | 4.4G 8.5/1<br>0751    | 8.1G 7.5/1<br>0752    | 10G 6/1.2<br>0753     | 0.6BG 4.5/1.4<br>0754 | 9.4G 5/1.4<br>0755    | 4.4G 6.5/1.2<br>0756  |
| 076 | 6.3GY 9/1<br>0761     | 6.3GY 9/1.4<br>0762   | 7.5GY 8.5/4<br>0763   | 8.1GY 8/5.6<br>0764   | 8.1GY 8/5.2<br>0765   | 6.9GY 8.5/2.4<br>0766 |
| 077 | 5.6GY 8.5/1.2<br>0771 | 7.5GY 8/2.4<br>0772   | 8.1GY 7.5/5.2<br>0773 | 8.1GY 5.5/4.8<br>0774 | 8.1GY 6.5/5.2<br>0775 | 7.5GY 7.5/3.6<br>0776 |
| 078 | 8.8GY 7.5/1.4<br>0781 | 8.1GY 7/2.8<br>0782   | 8.1GY 6/4<br>0783     | 8.1GY 4.5/3.6<br>0784 | 8.1GY 5/3.6<br>0785   | 7.5GY 7/3.6<br>0786   |
| 079 | 8.1GY 7/1.4<br>0791   | 8.1GY 6.5/2.8<br>0792 | 8.1GY 5/2.4<br>0793   | 6.3GY 3/1.8<br>0794   | 7.5GY 4/2.4<br>0795   | 7.5GY 5.5/2.4<br>0796 |
| 080 | 8.1GY 8.5/1<br>0801   | 7.5GY 7.5/1<br>0802   | 8.1GY 6/1.4<br>0803   | 8.1GY 4.5/1.4<br>0804 | 8.8GY 5/1.4<br>0805   | 5.6GY 6.5/1.4<br>0806 |
| 081 | 2.5GY 9/1<br>0811     | 3.8GY 9/1.4<br>0812   | 4.4GY 8.5/4.4<br>0813 | 2.5GY 8/6.8<br>0814   | 4.4GY 8.5/5.6<br>0815 | 3.8GY 9/2.8<br>0816   |
| 082 | 3.1GY 8.5/1.6<br>0821 | 4.4GY 8.5/2.8<br>0822 | 2.5GY 7.5/5.6<br>0823 | 3.8GY 6/4.8<br>0824   | 4.4GY 6.5/5.2<br>0825 | 2.5GY 8/4.4<br>0826   |
| 083 | 5.6GY 7.5/1.4<br>0831 | 3.8GY 7/2.8<br>0832   | 3.8GY 6/4<br>0833     | 5GY 4.5/3.6<br>0834   | 4.4GY 5/4<br>0835     | 4.4GY 7/4<br>0836     |

|     | 1                     | 2                     | 3                    | 4                     | 5                     | 6                     |
|-----|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|
| 084 | 4.4GY 6.5/1.6<br>0841 | 3.8GY 6.5/2.8<br>0842 | 5GY 5/2.8<br>0843    | 10Y 3.5/1.8<br>0844   | 5GY 4/2.4<br>0845     | 4.4GY 5.5/2.8<br>0846 |
| 085 | 10Y 9/1<br>0851       | 1.9GY 9/2<br>0852     | 1.3GY 9/4.8<br>0853  | 1.3GY 8.5/7.6<br>0854 | 1.9GY 8.5/6.4<br>0855 | 1.9GY 9/3.2<br>0856   |
| 086 | 1.3GY 8.5/1.8<br>0861 | 1.9GY 8.5/3.2<br>0862 | 1.3GY 8/6.4<br>0863  | 1.3GY 6/4.8<br>0864   | 1.3GY 7/5.6<br>0865   | 1.9GY 8/4.8<br>0866   |
| 087 | 1.3GY 7.5/1.8<br>0871 | 1.9GY 7.5/3.2<br>0872 | 1.3GY 6.5/4<br>0873  | 0.6GY 5/3.6<br>0874   | 0.6GY 5.5/3.6<br>0875 | 1.3GY 7/4.4<br>0876   |
| 088 | 1.9GY 6.5/1.8<br>0881 | 1.3GY 6.5/2.8<br>0882 | 1.3GY 5/2.4<br>0883  | 8.8Y 3.5/1.8<br>0884  | 10Y 4/2<br>0885       | 1.3GY 6/2.8<br>0886   |
| 089 | 5Y 7.5/1.2<br>0891    | 3.8Y 6.5/1.2<br>0892  | 1.9Y 5.5/1.2<br>0893 | 3.1Y 4/1<br>0894      | 3.1Y 4.5/1.2<br>0895  | 2.5Y 6/1.2<br>0896    |
| 090 | 9.4YR 8.5/1.2<br>0901 | 9.4YR 7.5/1<br>0902   | 6.9YR 6/2<br>0903    | 6.3YR 4.5/1.8<br>0904 | 7.5YR 5/1.8<br>0905   | 6.9YR 6.5/2<br>0906   |
| 091 | 8.1R 8.5/1.2<br>0911  | 6.3R 7.5/1<br>0912    | 8.8R 5.5/1.6<br>0913 | 8.1R 4.5/1.4<br>0914  | 8.8R 5/1.6<br>0915    | 6.3R 6.5/2<br>0916    |
| 092 | 10P 8.5/1<br>0921     | 0.6RP 7.5/1<br>0922   | 0.6RP 5.5/2<br>0923  | 1.9RP 4/1.8<br>0924   | 1.9RP 5/1.8<br>0925   | 8.1P 6.5/1.8<br>0926  |
| 093 | 6.3RP 7.5/1.2<br>0931 | 3.8RP 7/1<br>0932     | 2.5RP 5.5/1<br>0933  | 1.9RP 4/1<br>0934     | 10P 4.5/1<br>0935     | 9.4P 6/1<br>0936      |
| 094 | 4.4YR 7.5/1<br>0941   | 1.3YR 6.5/1<br>0942   | 8.1R 5.5/1<br>0943   | 1.9YR 4/1<br>0944     | 1.9YR 4.5/1<br>0945   | 8.8R 6/1<br>0946      |
| 095 | 3.8BG 7.5/1<br>0951   | 8.8BG 6.5/1<br>0952   | 2.5BG 5.5/1<br>0953  | 3.1BG 4/1<br>0954     | 3.1BG 4.5/1<br>0955   | 6.9BG 6/1<br>0956     |
| 096 | 3.1G 7.5/1<br>0961    | 9.4GY 7/1<br>0962     | 1.9G 5.5/1<br>0963   | 10GY 4/1<br>0964      | 0.6G 4.5/1<br>0965    | 3.1G 6/1<br>0966      |
| 097 | 1.9GY 7.5/1<br>0971   | 0.6GY 7/1<br>0972     | 0.6GY 5.5/1<br>0973  | 1.9GY 4/1<br>0974     | 0.6GY 4.5/1<br>0975   | 0.6GY 6/1.2<br>0976   |
| 098 | 4.4Y 8.5/1.2<br>0981  | 5Y 7.5/1.4<br>0982    | 3.8Y 6/2<br>0983     | 2.5Y 4.5/1.6<br>0984  | 1.9Y 5.5/2<br>0985    | 3.8Y 6.5/2<br>0986    |
| 099 | 5.6Y 6.5/2.4<br>0991  | 3.1Y 6.5/3.6<br>0992  | 2.5Y 5/2.8<br>0993   | 10YR 3.5/1.8<br>0994  | 1.9Y 4/2.8<br>0995    | 2.5Y 5.5/3.2<br>0996  |
| 100 | 5Y 6/5.6<br>1001      | 1.9Y 6/5.6<br>1002    | 5.6Y 4/3.2<br>1003   | 3.1Y 4/3.6<br>1004    | 1.3Y 4/3.2<br>1005    | 6.9YR 4/3.6<br>1006   |

|     | 1                     | 2                     | 3                     | 4                    | 5                     | 6                     |
|-----|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
| 101 | 0.6GY 5/4.8<br>1011   | 0.6GY 4/3.2<br>1012   | 0.6GY 3.5/1.8<br>1013 | 3.1G 3.5/2.8<br>1014 | 3.1G 3.5/3.6<br>1015  | 3.1G 3/2.4<br>1016    |
| 102 | 8.1GY 3.5/1.4<br>1021 | 1.3GY 4/1.4<br>1022   | 9.4G 3.5/1.2<br>1023  | 7.5GY 3/1.4<br>1024  | 7.5G 3/1.2<br>1025    | 2.5GY 3/1.4<br>1026   |
| 103 | 8.8Y 3/1.2<br>1031    | 4.4Y 3/1.4<br>1032    | 2.5GY 3/1<br>1033     | 3.1Y 3/1<br>1034     | 1.9G 3/1<br>1035      | 8.8G 3/1<br>1036      |
| 104 | 2.5RP 3.5/1<br>1041   | 1.9RP 4.5/1<br>1042   | 2.5PB 4.5/1<br>1043   | 3.1GY 4.5/1<br>1044  | 7.5BG 4.5/1<br>1045   | 3.8GY 3.5/1<br>1046   |
| 105 | 1.9RP 3.5/1.4<br>1051 | 5.6YR 3.5/1.8<br>1052 | 8.8R 3.5/1.2<br>1053  | 3.1YR 3/1<br>1054    | 2.5RP 3/1<br>1055     | 5.6P 2.5/1<br>1056    |
| 106 | 10YR 3.5/1.8<br>1061  | 10YR 3/1.4<br>1062    | 5.6YR 3/1.4<br>1063   | 10R 3/2.8<br>1064    | 10R 2.5/1.8<br>1065   | 10R 2.5/1.2<br>1066   |
| 107 | 7.5R 3.5/5.6<br>1071  | 6.9R 4.5/5.6<br>1072  | 7.5R 3/4.8<br>1073    | 3.8R 3/5.6<br>1074   | 8.8RP 3/5.2<br>1075   | 0.6R 4/5.6<br>1076    |
| 108 | 9.4R 6/9.2<br>1081    | 5.6R 6/10<br>1082     | 4R 5/10.8<br>1083     | 7.5R 3.5/6.6<br>1084 | 6.9R 4/11.6<br>1085   | 10RP 6/8.4<br>1086    |
| 109 | 6.3YR 7/9.6<br>1091   | 6.3YR 7/9.6<br>1092   | 2.5YR 6.5/9.6<br>1093 | 8.8R 5/11.6<br>1094  | 7.5R 4.5/11.2<br>1095 | 8.1R 6/11.6<br>1096   |
| 110 | 0.6GY 8/8.8<br>1101   | 4.4Y 7.5/8.8<br>1102  | 1.9Y 7.5/9.2<br>1103  | 0.6Y 8/9.2<br>1104   | 9.4YR 7/8.8<br>1105   | 8.8YR 5.5/7.6<br>1106 |
| 111 | 4.4Y 8/9.2<br>1111    | 5.6Y 8/10.4<br>1112   | 3.8Y 7.5/11.6<br>1113 | 9.4Y 5.5/7.6<br>1114 | 4.4Y 6.5/7.6<br>1115  | 5Y 7.5/10.4<br>1116   |
| 112 | 8.1Y 8.5/9.2<br>1121  | 8.1Y 7.5/8.8<br>1122  | 8.1Y 6.5/7.6<br>1123  | 8.1Y 6/6.4<br>1124   | 6.9Y 6/7.6<br>1125    | 8.1Y 7.5/9.6<br>1126  |
| 113 | 1.9GY 8/7.6<br>1131   | 1.9GY 7.5/8.8<br>1132 | 0.6GY 6/7.6<br>1133   | 0.6GY 5/5.6<br>1134  | 0.6GY 5.5/5.6<br>1135 | 1.3GY 6.5/7.6<br>1136 |
| 114 | 2.5GY 7.5/6.4<br>1141 | 3.8GY 7/7.6<br>1142   | 5.6GY 5/6.8<br>1143   | 3.8GY 4/3.6<br>1144  | 4.4GY 5/5.6<br>1145   | 3.1GY 6/7.6<br>1146   |
| 115 | 8.1GY 7/6.4<br>1151   | 8.1GY 7/7.6<br>1152   | 7.5GY 5/6.4<br>1153   | 7.5GY 4/3.6<br>1154  | 7.5GY 4.5/3.6<br>1155 | 7.5GY 5.5/7.6<br>1156 |
| 116 | 1.9G 7/6.8<br>1161    | 2.5G 6.5/8.4<br>1162  | 2.5G 4/5.6<br>1163    | 2.5G 3/3.6<br>1164   | 3.1G 4/5.2<br>1165    | 2.5G 5.5/7.6<br>1166  |
| 117 | 8.8G 7/7.6<br>1171    | 10G 6/7.2<br>1172     | 8.8G 5/6.8<br>1173    | 8.1G 3.5/3.6<br>1174 | 9.4G 4/6.8<br>1175    | 8.1G 5.5/7.6<br>1176  |

|     | 1                     | 2                     | 3                     | 4                     | 5                     | 6                     |
|-----|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 118 | 6.9BG 6/6.8<br>1181   | 6.3BG 5.5/7.6<br>1182 | 7.5BG 4/5.6<br>1183   | 7.5BG 3.5/3.6<br>1184 | 8.8BG 3.5/3.6<br>1185 | 6.9BG 5/6.4<br>1186   |
| 119 | 5B 6/7.6<br>1191      | 5.6B 5.5/7.6<br>1192  | 5.6B 4/6.8<br>1193    | 6.3B 3/4.8<br>1194    | 5.6B 3.5/5.6<br>1195  | 6.3B 5/6.8<br>1196    |
| 120 | 8.1B 5.5/9.6<br>1201  | 9.4B 5/9.6<br>1202    | 8.8B 3.5/5.6<br>1203  | 0.6PB 3/5.2<br>1204   | 8.8B 3.5/5.6<br>1205  | 10B 4/7.2<br>1206     |
| 121 | 3.8PB 5/9.6<br>1211   | 2.5PB 4.5/9.6<br>1212 | 5PB 3.5/7.6<br>1213   | 3.8PB 3/5.6<br>1214   | 6.9PB 3.5/7.6<br>1215 | 3.8PB 4/9.6<br>1216   |
| 122 | 6.3PB 5/10.8<br>1221  | 6.3PB 4/9.6<br>1222   | 6.3PB 3.5/7.6<br>1223 | 5.6PB 3.5/6.4<br>1224 | 6.3PB 3.5/7.6<br>1225 | 6.3PB 3.5/7.6<br>1226 |
| 123 | 7.5PB 5.5/9.6<br>1231 | 8.8PB 5/9.6<br>1232   | 8.8PB 4/9.6<br>1233   | 9.4PB 2.5/5.6<br>1234 | 8.8PB 3.5/7.6<br>1235 | 8.1PB 4.5/9.6<br>1236 |
| 124 | 1.9P 7/7.6<br>1241    | 1.9P 5.5/9.6<br>1242  | 1.3P 3.5/7.6<br>1243  | 3.1P 3/4<br>1244      | 1.3P 3/5.6<br>1245    | 1.9P 4.5/9.6<br>1246  |
| 125 | 3.1RP 6/9.2<br>1251   | 10P 5/8.4<br>1252     | 6.9P 4/6<br>1253      | 6.3P 4.5/8.4<br>1254  | 1.9P 4.5/9.6<br>1255  | 1.9P 4/6.8<br>1256    |
| 126 | N2.5<br>1261          | 5PB 3.5/1<br>1262     | N4.5<br>1263          | 10B 5.25/1<br>1264    | 5PB 5.5/1<br>1265     | N6<br>1266            |
| 127 | 10B 6.5/1<br>1271     | N7<br>1272            | 10B 7.5/1<br>1273     | 5PB 8/1<br>1274       | 5PB 8.5/1<br>1275     | N9<br>1276            |
| 128 | 9.4YR 9/1.2<br>1281   | 2.5YR 9/1<br>1282     | 6.3YR 9/1<br>1283     | 9.4RP 9/1<br>1284     | 8.8P 9/1<br>1285      | 3.8P 9/1<br>1286      |
| 129 | 0.6YR 9/1<br>1291     | 6.3YR 9/1<br>1292     | 7.5R 9/1<br>1293      | 7.5YR 9/1<br>1294     | 6.9YR 8.5/1<br>1295   | 5.6R 8.5/1<br>1296    |
| 130 | 6.3Y 9/1<br>1301      | 3.8Y 9/1<br>1302      | 10YR 9/1<br>1303      | 2.5Y 9/1.2<br>1304    | 2.5Y 9/1<br>1305      | 5.6Y 9/1<br>1306      |
| 131 | 8.8Y 9/1<br>1311      | 1.3Y 9/1<br>1312      | 6.9Y 9/1<br>1313      | 7.5Y 9/1<br>1314      | 2.5Y 9/1<br>1315      | 6.9Y 9/1<br>1316      |
| 132 | 7.5GY 9/1<br>1321     | 2.5GY 9/1<br>1322     | 2.5GY 9/1<br>1323     | 8.8GY 9/1<br>1324     | 8.8GY 9/1<br>1325     | 9.4GY 9/1<br>1326     |
| 133 | 5.6GY 9/1<br>1331     | 1.3GY 9/1<br>1332     | 6.9B 9/1<br>1333      | 2.5PB 9/1<br>1334     | 7.5PB 9/1<br>1335     | 6.3PB 9/1<br>1336     |
| 134 | 1.3GY 9/1<br>1341     | 6.9GY 8.5/1<br>1342   | 1.9GY 8.5/1<br>1343   | 1.9GY 8/1<br>1344     | 6.9GY 8/1<br>1345     | 7.5GY 8.5/1<br>1346   |

|     | 1                    | 2                     | 3                     | 4                     | 5                    | 6                     |
|-----|----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|
| 135 | 7.5PB 9/1<br>1351    | 1.3PB 9/1<br>1352     | 6.9PB 9/1<br>1353     | 8.8BG 8.5/1<br>1354   | 9.4B 8.5/1<br>1355   | 2.5PB 8/1<br>1356     |
| 136 | 9.4R 9/1<br>1361     | 4.4R 8.5/1<br>1362    | 5PB 7.5/1<br>1363     | 6.3PB 6.5/1.8<br>1364 | 3.8P 6.5/1<br>1365   | 5P 7.5/1.4<br>1366    |
| 137 | 5.6R 8/1<br>1371     | 2.5PB 8/1<br>1372     | 2.5PB 7.5/1<br>1373   | 2.5PB 7/1<br>1374     | 0.6RP 7/1<br>1375    | 4R 7.5/1<br>1376      |
| 138 | 1.9Y 9/1<br>1381     | 0.6Y 9/1.2<br>1382    | 10YR 8/1<br>1383      | 6.9R 8/1<br>1384      | 0.6Y 8/2.4<br>1385   | 6.9YR 8/1<br>1386     |
| 139 | 9.4Y 9/1.6<br>1391   | 8.8Y 9/2<br>1392      | 8.1Y 9/2.4<br>1393    | 7.5Y 9/3.6<br>1394    | 5.6Y 9/3.2<br>1395   | 3.8Y 8.5/3.6<br>1396  |
| 140 | 9.4RP 9/1<br>1401    | 7.5R 9/1.8<br>1402    | 6.3RP 8/4.8<br>1403   | 5.6RP 8/4.4<br>1404   | 4.4RP 8/5.2<br>1405  | 7.5RP 7.5/4.8<br>1406 |
| 141 | 7.5R 8.5/1.8<br>1411 | 7.5RP 8.5/3.2<br>1412 | 7.5RP 8.5/3.6<br>1413 | 10RP 8/4.4<br>1414    | 10RP 8/5.2<br>1415   | 10RP 7.5/4.4<br>1416  |
| 142 | 7.5R 9/2<br>1421     | 1.9YR 9/1.8<br>1422   | 7.5RP 8.5/3.6<br>1423 | 5R 8/3.6<br>1424      | 10RP 7.5/4.8<br>1425 | 10RP 7.5/5.2<br>1426  |
| 143 | 0.6YR 9/1<br>1431    | 5YR 9/1.8<br>1432     | 0.6YR 8.5/2.4<br>1433 | 8.1R 8/3.6<br>1434    | 0.6YR 8/4<br>1435    | 0.6YR 7.5/4<br>1436   |
| 144 | 6.3YR 9/1.6<br>1441  | 1.3YR 8.5/2<br>1442   | 1.9YR 8.5/3.6<br>1443 | 1.3YR 8/4<br>1444     | 0.6YR 8/4.4<br>1445  | 8.8R 7/3.6<br>1446    |
| 145 | 7.5YR 9/2<br>1451    | 9.4YR 9/2.4<br>1452   | 7.5R 8.5/3.6<br>1453  | 4.4YR 8.5/3.6<br>1454 | 4.4YR 8/3.6<br>1455  | 5YR 8/4<br>1456       |
| 146 | 2.5Y 9/1.6<br>1461   | 3.1Y 9/1.6<br>1462    | 1.3Y 8.5/2.8<br>1463  | 1.9Y 8.5/2.4<br>1464  | 1.9Y 8.5/3.6<br>1465 | 1.3Y 8/2.4<br>1466    |
| 147 | 8.8YR 9/1<br>1471    | 1.3R 9/1<br>1472      | 10YR 8/1.2<br>1473    | 1.3YR 8/1<br>1474     | 5YR 7.5/1<br>1475    | 3.1YR 7.5/1<br>1476   |
| 148 | 5Y 9/2<br>1481       | 1.9Y 9/1.6<br>1482    | 1.9Y 9/2.4<br>1483    | 0.6Y 9/3.6<br>1484    | 10YR 8.5/3.6<br>1485 | 9.4YR 8.5/4.8<br>1486 |
| 149 | 5Y 9/2.4<br>1491     | 3.8Y 9/2.4<br>1492    | 3.1Y 9/3.2<br>1493    | 4.4Y 9/3.6<br>1494    | 3.1Y 9/3.6<br>1495   | 3.1Y 9/4.4<br>1496    |
| 150 | 8.8Y 9/1.4<br>1501   | 2.5GY 9/2.4<br>1502   | 1.9GY 9/2.8<br>1503   | 3.8GY 9/3.2<br>1504   | 1.3GY 9/3.6<br>1505  | 2.5GY 9/3.6<br>1506   |
| 151 | 8.1Y 9/3.2<br>1511   | 3.1GY 9/2.4<br>1512   | 3.8GY 9/2.8<br>1513   | 6.9GY 9/3.2<br>1514   | 7.5GY 9/2.8<br>1515  | 4.4GY 9/3.6<br>1516   |

|     | 1                     | 2                     | 3                     | 4                     | 5                     | 6                     |
|-----|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 152 | 4.4GY 9/1<br>1521     | 9.4GY 9/1.2<br>1522   | 0.6G 9/1.6<br>1523    | 8.1GY 9/1.6<br>1524   | 4.4GY 8.5/2<br>1525   | 8.8GY 8.5/2.4<br>1526 |
| 153 | 6.9GY 9/1.4<br>1531   | 8.8GY 8.5/3.6<br>1532 | 0.6G 8.5/2.4<br>1533  | 1.3G 8.5/3.6<br>1534  | 2.5G 8.5/3.2<br>1535  | 1.9G 8.5/2.8<br>1536  |
| 154 | 6.9G 9/1.4<br>1541    | 1.3G 8.5/2<br>1542    | 3.1G 8.5/2.8<br>1543  | 3.8G 8.5/2.8<br>1544  | 7.5G 8.5/3.6<br>1545  | 6.9G 8.5/2.8<br>1546  |
| 155 | 3.1BG 8.5/1.8<br>1551 | 4.4BG 8.5/1.8<br>1552 | 2.5BG 8.5/1.8<br>1553 | 7.5G 8.5/2.8<br>1554  | 4.4B 8/3.2<br>1555    | 2.5B 8/3.6<br>1556    |
| 156 | 5BG 9/1<br>1561       | 2.5B 8.5/1.6<br>1562  | 5.6B 8/1.8<br>1563    | 5B 8/2.4<br>1564      | 5BG 8.5/1.8<br>1565   | 5B 8/2<br>1566        |
| 157 | 1.9BG 9/1<br>1571     | 6.9BG 8.5/1.8<br>1572 | 6.3BG 8.5/1.8<br>1573 | 10BG 8/2.8<br>1574    | 7.5BG 8/2.8<br>1575   | 1.9B 8/2.8<br>1576    |
| 158 | 2.5B 9/1<br>1581      | 1.3B 9/1<br>1582      | 2.5BG 8/1<br>1583     | 3.8B 8/2.4<br>1584    | 2.5B 7.5/2.8<br>1585  | 8.8B 7.5/3.6<br>1586  |
| 159 | 8.8BG 9/1<br>1591     | 1.3B 8.5/1.8<br>1592  | 7.5B 8/3.6<br>1593    | 4.4B 8/3.6<br>1594    | 7.5B 8/3.6<br>1595    | 7.5B 7.5/3.6<br>1596  |
| 160 | 2.5PB 8.5/1<br>1601   | 3.1PB 8.5/2.8<br>1602 | 4.4PB 8.5/2.8<br>1603 | 3.1PB 8/5.2<br>1604   | 3.1PB 8/4<br>1605     | 9.4B 7.5/2.8<br>1606  |
| 161 | 6.9PB 8.5/2.4<br>1611 | 1.3PB 8/2.8<br>1612   | 3.1PB 7.5/2.4<br>1613 | 4.4PB 8/3.2<br>1614   | 3.1PB 8/4.4<br>1615   | 1.3PB 7.5/3.2<br>1616 |
| 162 | 5PB 8.5/2.4<br>1621   | 10B 8/3.6<br>1622     | 8.8B 8/2.8<br>1623    | 9.4B 7.5/2.4<br>1624  | 1.3PB 8/3.2<br>1625   | 2.5PB 7.5/3.6<br>1626 |
| 163 | 2.5B 9/1<br>1631      | 8.8B 8.5/1.4<br>1632  | 8.8B 8.5/1.8<br>1633  | 8.8B 7.5/1.2<br>1634  | 4.4B 7.5/1.2<br>1635  | 3.8B 7.5/1<br>1636    |
| 164 | 6.3RP 9/1<br>1641     | 8.8P 8.5/1<br>1642    | 6.3PB 8.5/3.6<br>1643 | 6.3PB 8/3.2<br>1644   | 8.1PB 7.5/3.6<br>1645 | 7.5PB 8/4.4<br>1646   |
| 165 | 5.6RP 9/1<br>1651     | 3.8P 8.5/1.8<br>1652  | 0.6RP 7.5/3.6<br>1653 | 3.8P 8/3.6<br>1654    | 10PB 7.5/2.8<br>1655  | 5.6PB 8/4<br>1656     |
| 166 | 9.4RP 9/1<br>1661     | 9.4P 8.5/2.8<br>1662  | 4.4RP 8.5/2.8<br>1663 | 1.9RP 8.5/3.6<br>1664 | 3.1RP 8/4<br>1665     | 0.6RP 8/4<br>1666     |
| 167 | 8.3RP 7/8<br>1671     | 10RP 6/10.5<br>1672   | 1.2R 5.9/11.5<br>1673 | 5R 4.4/14<br>1674     | 2.3R 4.9/12.1<br>1675 | 9RP 6.4/9.8<br>1676   |
| 168 | 8.3R 6.8/5.2<br>1681  | 9.4R 5.8/6<br>1682    | 7.8R 5.4/7<br>1683    | 10R 4.1/6.5<br>1684   | 9R 4.4/9.1<br>1685    | 8.7R 6.4/6<br>1686    |

|     | 1                    | 2                    | 3                    | 4                    | 5                    | 6                    |
|-----|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 169 | 7.6Y 9.3/3.9<br>1691 | 4.8Y 8.2/6.8<br>1692 | 4.4Y 8.4/7.4<br>1693 | 1.9Y 7.6/9.9<br>1694 | 3.7Y 8.6/8.3<br>1695 | 6.3Y 8.8/5.4<br>1696 |
| 170 | N8.25<br>1701        | N7.75<br>1702        | N7.25<br>1703        | N6.75<br>1704        | N6.25<br>1705        | N5.75<br>1706        |
| 171 | N5.25<br>1711        | N4.75<br>1712        | N4.25<br>1713        | N3.75<br>1714        | N3.25<br>1715        | N2.75<br>1716        |

