

**NB. This chart is from the
Resene historical file.
Please refer to current
Resene colour charts
for the latest colour options**

Resene

total colour BS5252 range

British Standard Specification
No 5252



Resene

Total Colour

System

| Colour Name | Colour Code | Tone | Total Colour Code | Reflectance Value % | Colour Name | Colour Code | Tone | Total Colour Code | Reflectance Value % |
|------------------|-------------|------|-------------------|---------------------|-----------------|-------------|------|-------------------|---------------------|
| Afghan Tan | 08 D 44 | O | 1 YO 40 | 27 | Limeade | 12 E 55 | H | 1.5 YG 35 | 30 |
| Amazon | 14 D 43 | D | 3 GO 65 | 20 | Limerick | 12 E 53 | Y | 2 YG 44 | 42 |
| Antique Brass | 08 D 45 | O | 1 YO 46 | 12 | Lisbon Brown | 10 B 25 | G | 2 GO 03 | 18 |
| Aqua | 16 E 50 | W | 6 BG 86 | 56 | Locust | 12 B 19 | P | 6 GO 21 | 40 |
| Astronaut Blue | 18 D 45 | D | 2 B 52 | 6 | Logan | 22 C 35 | W | 6 V 44 | 42 |
| Athens Grey | 22 B 15 | W | 6.5 GR 50 | 72 | London Hue | 24 C 35 | W | 6 V 70 | 42 |
| Bahama Blue | 18 E 53 | D | 2 B 44 | 20 | Madras | 10 C 39 | O | 1 YO 22 | 6 |
| Bali Hai | 18 C 35 | W | 6 B 56 | 35 | Maire | 10 B 29 | O | 1 GO 14 | 3 |
| Baltic Sea | 00 A 13 | M | 1.5 GR 48 | 6 | Mandalay | 08 D 43 | O | 2 YO 41 | 30 |
| Bay Leaf | 14 D 41 | P | 5.5 GO 65 | 42 | Mardi Gras | 24 C 40 | MG | 1 V 65 | 2 |
| Birch | 10 B 27 | G | 1 GO 03 | 8 | Martinique | 22 B 27 | M | 1 V 81 | 6 |
| Biscay | 20 C 39 | M | 2.5 B 65 | 10 | Maverick | 24 C 33 | W | 7 V 70 | 56 |
| Bismark | 18 C 37 | L | 4 B 55 | 20 | Mexican Red | 04 D 43 | D | 4 BR 80 | 19 |
| Black Bean | 14 C 40 | G | 1 GO 55 | 5 | Milano Red | 04 E 55 | GR | 1 BR 19 | 16 |
| Blackberry | 02 E 58 | MG | 3 V 72 | 2 | Minsk | 22 D 45 | M | 1.5 V 45 | 6 |
| Blossom | 02 C 33 | W | 6 BR 58 | 56 | Moon Yellow | 10 E 55 | H | 1 BY 29 | 64 |
| Blue Bark | 18 C 40 | U | 1 GR 68 | 4 | Mortar | 02 A 11 | L | 4 GR 18 | 18 |
| Blue Haze | 22 C 33 | W | 7 V 42 | 58 | Mosque | 16 E 56 | D | 2 BG 80 | 12 |
| Blue Stone | 16 D 44 | D | 2 BG 85 | 12 | Mountain Mist | 00 A 05 | W | 6 GR 16 | 42 |
| Bokara Grey | 08 A 14 | O | 1 GR 85 | 2 | Mulberry | 02 C 39 | MG | 1.5 RO 66 | 6 |
| Bondi Blue | 20 E 56 | D | 1 B 33 | 9 | Mulled Wine | 22 B 25 | L | 1 V 80 | 12 |
| Boston Blue | 18 E 51 | L | 4 B 45 | 42 | Mustard | 10 C 37 | O | 2 YO 12 | 20 |
| Boulder | 16 A 07 | P | 4.5 GR 42 | 30 | My Pink | 04 C 35 | P | 4.5 RO 41 | 42 |
| Brandy | 06 C 33 | P | 5.5 YO 52 | 56 | Narvik | 18 C 31 | W | 8 GR 43 | 71 |
| Bronco | 08 B 19 | L | 6 BO 07 | 40 | Nevada | 18 B 23 | L | 4 GR 41 | 20 |
| Brown Bramble | 06 C 39 | O | 1.5 BO 71 | 6 | New York Pink | 04 D 41 | P | 6 BR 81 | 56 |
| Brown Pod | 06 C 40 | U | 1 BO 65 | 2 | Nightclub | 02 D 45 | MG | 1 V 10 | 10 |
| Buddha Gold | 10 E 56 | H | 2 BY 91 | 42 | Nile Blue | 18 C 39 | D | 1.5 B 45 | 7 |
| Bunker | 18 A 14 | D | 1 GR 39 | 7 | Old Brick | 04 D 44 | D | 3 BR 80 | 12 |
| Buttercup | 08 E 51 | Y | 1 BY 48 | 48 | Opal | 16 C 33 | W | 6 BG 54 | 52 |
| Calico | 08 C 33 | P | 5.5 YO 54 | 56 | Oslo Grey | 18 B 21 | P | 5 GR 43 | 30 |
| Calypso | 18 D 43 | L | 4 B 52 | 20 | Outer Space | 20 C 40 | U | 1 B 65 | 7 |
| Can Can | 02 C 35 | P | 5 BR 52 | 42 | Pale Slate | 02 A 03 | W | 6.5 GR 19 | 56 |
| Cannon Pink | 02 C 37 | M | 3 RO 57 | 20 | Pearl Lusta | 10 B 15 | W | 8 YO 22 | 83 |
| Canvas | 10 B 19 | P | 6 GO 03 | 50 | Peat | 10 B 23 | M | 4 GO 03 | 22 |
| Cape Cod | 16 A 11 | L | 2.5 GR 41 | 20 | Peppermint | 14 C 31 | W | 6.5 GO 40 | 76 |
| Cardin Green | 14 E 58 | G | 1 GO 64 | 2 | Persian Red | 04 E 58 | MG | 1 RO 65 | 2 |
| Cardinal | 02 E 56 | MG | 2 V 08 | 12 | Peru Tan | 06 D 45 | O | 1 YO 62 | 12 |
| Carissima | 02 D 41 | P | 1 V 04 | 56 | Pine Cone | 08 B 23 | M | 4 BO 14 | 19 |
| Cascade | 16 C 35 | P | 5.5 BG 54 | 40 | Pine Glade | 12 C 33 | P | 5 YO 02 | 51 |
| Catalina Blue | 20 D 45 | D | 1 B 23 | 11 | Pine Tree | 12 C 40 | G | 1 GO 46 | 5 |
| Catskill White | 18 B 15 | W | 8 GR 39 | 72 | Pirate Gold | 08 E 56 | O | 2 YO 43 | 30 |
| Champagne | 08 C 31 | W | 6 YO 48 | 72 | Plum | 24 E 58 | MG | 1 V 12 | 2 |
| Charade | 18 B 27 | M | 1.5 GR 39 | 6 | Polo Blue | 20 D 41 | W | 6 B 25 | 42 |
| Chateau Green | 14 E 51 | M | 3 YG 15 | 36 | Porcelain | 22 C 31 | W | 7.5 GR 19 | 73 |
| Chathams Blue | 18 D 44 | M | 3 B 52 | 12 | Primrose | 10 E 49 | P | 6 BY 11 | 79 |
| Chinook | 14 E 50 | P | 6 YG 12 | 56 | Provincial Pink | 04 C 31 | W | 8 RO 70 | 76 |
| Chocolate | 04 C 40 | MG | 1 RO 70 | 2 | Prussian Blue | 18 E 58 | U | 1 B 52 | 2 |
| Cinder | 18 B 29 | D | 1 GR 41 | 7 | Pumice | 16 A 03 | W | 7 GR 70 | 56 |
| Cinderella | 04 E 49 | W | 7 BR 75 | 72 | Quill Grey | 00 A 01 | W | 7 GR 08 | 64 |
| Cloud | 06 A 03 | W | 6.5 GR 22 | 56 | Rain Forest | 12 D 44 | O | 1 YG 70 | 21 |
| Cocoa Bean | 04 B 27 | D | 4 BO 62 | 9 | Rajah | 06 E 50 | P | 4 OR 32 | 56 |
| Cola | 08 C 40 | O | 1 BO 21 | 2 | Rangoon Green | 12 B 29 | U | 1 GO 19 | 2 |
| Colonial White | 10 C 31 | W | 6 YO 22 | 75 | Regent St Blue | 18 E 50 | W | 6 B 45 | 56 |
| Como | 14 C 37 | M | 3 GO 70 | 22 | Reno Sand | 06 D 43 | O | 2 YO 49 | 30 |
| Concord | 06 A 07 | P | 4 GR 14 | 30 | Rich Gold | 06 E 56 | O | 1.5 OR 52 | 20 |
| Congo Brown | 04 B 25 | M | 2.5 BO 62 | 16 | Rock Blue | 20 C 35 | W | 6 B 65 | 40 |
| Copper Rust | 04 C 37 | L | 3 RO 47 | 20 | Rope | 06 C 37 | O | 2 RO 01 | 20 |
| Cork | 08 B 25 | D | 2 BO 20 | 10 | Rose Bud | 04 E 50 | W | 5 BR 09 | 56 |
| Cranberry | 02 E 53 | D | 3 V 09 | 20 | Rouge | 02 D 43 | D | 3 V 08 | 20 |
| Cuban Tan | 08 B 29 | O | 1 BO 50 | 7 | Russett | 04 B 23 | M | 3.5 BO 65 | 20 |
| Cyprus | 16 D 45 | U | 1 BG 86 | 6 | Saddle Brown | 08 C 39 | O | 1.5 BO 80 | 6 |
| Dairy Cream | 08 E 49 | W | 6.5 YO 46 | 72 | Sahara | 10 D 43 | H | 2 BY 93 | 42 |
| Danube | 20 E 51 | W | 4 B 21 | 42 | Salem | 14 E 53 | D | 2 YG 05 | 20 |
| Dark Tan | 04 C 39 | MG | 1 RO 52 | 6 | San Marino | 20 D 43 | P | 4 B 26 | 20 |
| Dawn Pink | 04 B 15 | W | 7.5 RO 71 | 36 | Sandwisp | 10 C 33 | P | 5 YO 13 | 64 |
| Del Rio | 04 B 19 | W | 5.5 BO 66 | 68 | Scampi | 22 D 43 | P | 4 V 52 | 20 |
| Delta | 10 A 05 | P | 6 GR 04 | 42 | Scarpa Flow | 00 A 09 | P | 3.5 GR 52 | 20 |
| Disco | 02 D 44 | MG | 2.5 V 08 | 12 | Scrub | 12 B 27 | G | 2 GO 22 | 8 |
| Dolphin | 22 B 23 | L | 4 GR 61 | 20 | Sea Fog | 10 A 01 | W | 8 GR 12 | 83 |
| Dune | 10 A 11 | L | 3 GR 14 | 12 | Séance | 24 E 56 | D | 1 V 15 | 9 |
| Elm | 16 D 43 | M | 3 BG 85 | 20 | Shilo | 04 C 33 | W | 6 BR 75 | 56 |
| Eminence | 24 E 53 | M | 1.5 V 16 | 12 | Ship Grey | 00 A 11 | L | 2 GR 48 | 12 |
| Envy | 14 C 35 | P | 6 GO 63 | 35 | Siam | 12 B 23 | M | 4 GO 23 | 20 |
| Everglade | 14 C 39 | G | 1 GO 61 | 9 | Silver Sand | 00 A 03 | W | 6.5 GR 11 | 56 |
| Festival | 10 E 50 | L | 4 BY 34 | 64 | Soft Amber | 08 B 17 | W | 6.5 BO 03 | 55 |
| Fiji Green | 12 C 37 | O | 2 YO 02 | 20 | Solitaire | 08 B 15 | W | 8 YO 55 | 80 |
| Flame Red | 04 E 56 | BR | 1 BR 32 | 15 | Spindle | 20 C 33 | W | 7 B 65 | 57 |
| Flax | 12 B 21 | L | 5 GO 21 | 34 | Spun Pearl | 22 B 19 | W | 6 GR 61 | 42 |
| French Grey | 22 B 17 | W | 7 GR 61 | 56 | Squirrel | 08 B 21 | L | 5 BO 09 | 27 |
| French Lilac | 24 E 50 | W | 5.5 V 14 | 56 | St. Tropaz | 20 D 44 | M | 3 B 24 | 12 |
| Friar Grey | 10 A 07 | P | 5 GR 08 | 27 | Sun | 08 E 55 | H | 2 OR 21 | 42 |
| Frost | 12 B 15 | W | 7 BY 05 | 73 | Sunflower | 10 E 53 | H | 1 BY 23 | 61 |
| Fun Blue | 20 E 53 | M | 2 B 21 | 12 | Surfie Green | 16 E 53 | M | 3 BG 80 | 20 |
| Fun Green | 14 E 56 | Y | 1 YG 05 | 12 | Suva Grey | 02 A 07 | P | 5 GR 19 | 30 |
| Gigas | 22 E 53 | L | 2 V 45 | 12 | Swamp | 16 C 40 | U | 2 GR 70 | 4 |
| Glacier | 18 D 41 | Y | 6 B 52 | 42 | Tacao | 06 D 41 | P | 5.5 OR 38 | 56 |
| Golden Sand | 10 D 41 | P | 5 BY 36 | 61 | Tahiti Gold | 06 E 53 | H | 1 OR 31 | 42 |
| Granite Green | 10 B 21 | L | 5 GO 03 | 30 | Thistle | 10 B 17 | P | 7 GO 03 | 56 |
| Granny Apple | 14 E 49 | W | 7 YG 12 | 72 | Tiara | 18 B 17 | W | 7 GR 43 | 56 |
| Green Mist | 12 B 17 | W | 6 YO 03 | 59 | Tiber | 16 C 39 | U | 1 BG 90 | 7 |
| Green Pea | 14 D 44 | G | 2 GO 65 | 12 | Tobago | 08 B 27 | G | 1 BO 12 | 8 |
| Green Smoke | 12 C 35 | L | 4 YG 74 | 33 | Toledo | 02 C 40 | MG | 1.5 V 72 | 2 |
| Grey Nickel | 10 A 03 | W | 6.5 GR 07 | 56 | Topaz | 22 B 21 | P | 5 GR 61 | 30 |
| Guardsman Red | 04 E 53 | GR | 1 BR 20 | 15 | Trendy Green | 12 D 43 | Y | 1 YG 68 | 42 |
| Gulf Stream | 16 D 41 | P | 5 BG 85 | 42 | Trendy Pink | 24 C 37 | L | 5 V 70 | 20 |
| Gum Leaf | 14 C 33 | W | 6.5 GO 58 | 55 | Trinidad | 06 E 55 | Y | 1 OR 42 | 25 |
| Hacienda | 10 D 44 | H | 1 BY 95 | 30 | Tropical Blue | 20 E 50 | W | 6 B 23 | 56 |
| Haiti | 22 B 29 | D | 1 GR 61 | 3 | Trout | 18 B 25 | L | 3 GR 39 | 13 |
| Harvest Gold | 08 D 41 | P | 4.5 BY 58 | 56 | Tundora | 06 A 11 | L | 3 GR 16 | 12 |
| Havana | 04 B 29 | O | 1 BO 55 | 3 | Turtle Green | 12 C 39 | O | 1.5 GO 21 | 8 |
| Hawaiian Tan | 06 D 44 | O | 2 YO 59 | 20 | Tusk | 12 C 31 | W | 6 BY 07 | 72 |
| Hemp | 04 B 21 | L | 4.5 BO 65 | 30 | Twine | 08 C 35 | M | 4 YO 46 | 42 |
| Hit Grey | 18 B 19 | W | 6 GR 43 | 42 | Valencia | 04 E 51 | L | 2 BR 19 | 30 |
| Hot Chile | 04 D 45 | MG | 1 BR 50 | 8 | Verdun Green | 12 D 45 | O | 1 YO 02 | 12 |
| Hot Curry | 08 C 37 | O | 1 YO 44 | 20 | Victoria | 22 D 44 | L | 2 V 44 | 12 |
| Hot Purple | 24 C 39 | D | 2 V 12 | 6 | Violent Violet | 22 E 58 | D | 1 V 45 | 2 |
| Husk | 10 C 35 | D | 3.5 YO 12 | 42 | Violet | 22 C 40 | D | 1 V 83 | 2 |
| Iceberg | 18 E 49 | W | 7 B 45 | 72 | Wafer | 04 B 17 | W | 7 RO 71 | 55 |
| Ironside Grey | 10 A 09 | L | 3.5 GR 11 | 20 | Whiskey | 06 C 35 | L | 4 YO 62 | 42 |
| Jakarta | 22 C 39 | M | 1 V 44 | 6 | Wild Willow | 12 D 41 | L | 5 YG 68 | 56 |
| Jade | 16 C 37 | M | 3 BG 90 | 22 | Wistful | 22 D 41 | W | 6 V 52 | 42 |
| Jaffa | 06 E 51 | M | 4 OR 38 | 42 | Yukon Gold | 10 D 45 | O | 1.5 YO 19 | 20 |
| Jumbo | 00 A 07 | P | 5 GR 16 | 30 | Zucchini | 14 D 45 | G | 1 BG 12 | 6 |
| Jungle Mist | 18 C 33 | W | 7 B 55 | 59 | | | | | |
| Kashmir Blue | 20 C 37 | L | 4 B 65 | 22 | | | | | |
| Kelp | 12 B 25 | D | 3 GO 23 | 12 | | | | | |
| Kimberly | 22 C 37 | P | 4 V 61 | 20 | | | | | |
| Lemon | 10 E 51 | H | 1 BY 38 | 56 | | | | | |
| Lightning Yellow | 08 E 53 | H | 1 OR 05 | 49 | | | | | |
| Lime | 12 E 51 | H | 2 YG 58 | 57 | | | | | |

TONE KEY:

BR = Bright Red D = Deep G = Green
GR = Guardsman Red H = Hi-Op Yellow L = Light
M = Mid MG = Magenta O = Ochre
P = Pastel Y = Yellow
W = White

Note 1: The reflectance value of a colour indicates the amount of light and heat that a colour will reflect. Black has a reflectance value of 0% and absorbs all light and heat. The surfaces are consequently very dark and can get very hot. In contrast, white has a reflectance value of 100% and keeps a building light and cool. All colours fit within these two extremes.

Note 2: Tones listed above are subject to change if colours are reformulated.

Resene BS 5252 colour range



British Standard 5252

The framework focuses and relates the colours in terms of selected steps based on the visual attributes of hue, greyness and weight.

Hue

Hue is the attribute of redness, yellowness, blueness, etc of a colour.

The framework has 12 horizontal hue rows in spectral sequence, plus a further row for neutral colours (i.e. without hue), numbered and named as follows:

| | | | |
|----|--------------|----|-------------|
| 02 | red-purple | 16 | blue-green |
| 04 | red | 18 | blue |
| 06 | yellow-red | 20 | purple-blue |
| 08 | yellow-red | 22 | violet |
| 10 | yellow | 24 | purple |
| 12 | green-yellow | | |
| 14 | green | 00 | neutral |

The specific hues have been selected to represent all main regions of hue and to produce as many harmonious combinations as possible. Two yellow-red rows are included, one (row 08) to give light browns without pinkness, and to harmonise with yellowish woods, stones, bricks, etc; the other row (row 06) to give light pinkish browns and browns in harmony with reddish woods, etc.

Greyness

Greyness is the estimated grey content of colours.

The framework divides the colours into five groups, letter A to E, representing steps of diminishing greyness as follows:

| | | | |
|----------------|-------------|----------------|--------------|
| Group A | grey | Group D | nearly clear |
| Group B | nearly grey | Group E | clear |
| Group C | grey/clear | | |

Weight

Weight is a subjective term for lightness modified as necessary to produce colours of the same character in different hues.

The framework provides for up to eight vertical columns of colours of equal weight in each greyness group ranging from lightest on the left of the group to darkest or heaviest on the right.

Columns are numbered from the left-hand column of A group (01) to the right-hand column of E group (58). The numbering, however, is not regular across eight columns in each group, because some column numbers were established as standard in BS4800.

In A and B groups, and substantially in C group, columns of equal weight have equal lightness. In groups D and E, equal weight requires modifications of lightness in some columns.

Black and White

Clear black and white are the poles of the weight scale and are extra to the eight columns of weight common to every greyness group. In theory, they should be positioned in separate columns at the extreme right and left respectively of E group but their inclusion in BS4800 has prevented alteration to their code references.

Identification of Colours

Each colour is identified by a code that indicates its position on the framework and consists of three parts.

(a) The first part signifies hue and consists of a NUMBER with two numerals (neutral colours are designated 00).

(b) The second part signifies greyness and consists of a letter A to E.

(c) The third part signifies weight and consists of a NUMBER with two numerals.

Examples: 08 B 15, 24 E 53

Thus codes with the same first pair of numerals identify colours in the same hue row, codes with the same letter indicate colours in the same greyness group and codes with the same second pair of numerals identify colours in the same weight column.

All derived standards specifying colours will use the same codes for the colours as given in this British Standard. Colours that fit into blank spaces in the framework have a co-ordinated relation to the published colours but cannot be regarded as British Standard colours.

Application

In general, derived colour standards will be of two kinds: those that specify colours for one particular type of material (e.g. paints, plastics, vitreous enamels) and those that specify colours for a particular use but are not tied to one material (e.g. colours for farm building exteriors, office and school furniture and equipment, flooring materials).

Selection of colours from this standard for derived standards should be based on the following considerations:

(a) Relevant technical and economic factors and performance in use.

(b) The intended functions of the colours and hence their appropriateness in terms of the different categories of hue, greyness and weight.

Small scale surface pattern or pronounced texture may prevent a direct match with a colour in this standard. In this event, the relevant colours would be reproduced in the derived standards with their identification code together with a clear statement that they are larger colours only. In the case of small-scale surface pattern, the approximations to the target colour shown are to be in terms of the composite or dominant colour, not in terms of the individual colours making up the pattern. Problems of precise control of colour in manufacturing processes should be referred to in the derived standards.



'See' the Finish

Virtual painting with Resene EzyPaint allows you to visualise the entire colour scheme before the redecorating even starts. Developing a virtual colour scheme is simple - choose the image

you wish to paint, click on specific areas such as the roof or wall and choose the Resene colour you would like to



use for that area. Repeat the process for each area of the image until you have created your own colour scheme.

Unlike real painting, if you don't like the colour, it only takes a few clicks to choose another. Keep trying new colour combinations until you create a colour scheme that is right for you.

Resene EzyPaint can be downloaded free from the Resene website www.resene.co.nz or purchased on CD Rom from your local Resene ColorShop.



Put your Colour to the Test

No matter how you select your colours, always use testpots to confirm your choices in the area you are planning to paint. Either paint two coats directly onto the surface or onto a large piece of white card leaving a small white border around all edges so that the colour does not 'pick up' from the existing colour. Remember that paint always dries darker, so if the testpot colour looks wrong, wait until it has dried to see the true colour.

Colour perception is affected by the background on which the colour is viewed, lighting and surface texture. Once you have used a testpot to paint an area, check it at different times of the day to see what it looks like under different lighting - you may like it during the day in bright natural light but not at night due to the effect of artificial light.

Most Resene testpots are available in a satin acrylic, so if you are planning to use a lower sheen the final colour will look duller and flatter than the testpot colour. Or if you are planning to use a higher sheen the final colour will look richer, brighter and more intense than the testpot colour.

Resene testpots give you the assurance that the colour you choose in the Resene ColorShop is the colour that's right in your home.

Resene testpots are available from your local Resene ColorShop or you can order them on-line from the Resene website.

The Environmental Choice

The Total Colour System is lead-free. You can minimise the effect your next decorating project has on the environment by choosing one of the Resene range of Environmental Choice approved products.



Water Based Paint
Leads free (2000)

Resene

the paint the professionals use



WaterColours,™ an environmentally conscious process, was used to produce the colour chips on this colour card.

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Resene
the paint the professionals use