

N.B.

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options.

Resene

Total Colour

System

BS5252 colour range

British Standard 5252

Resene

Automotive & Light Industrial

carboline
Coatings - Linings - Fireproofing

ALTEX COATINGS LTD

Resene

the paint the professionals use

Colour	Colour code	R55252 code	Tone	Approx. LRV%	RGB	Colour	Colour code	R55252 code	Tone	Approx. LRV%	RGB	Colour	Colour code	R55252 code	Tone	Approx. LRV%	RGB
Alghan Tan	cc Y53-109-071	08D44	O	21	144 94 38	Friar Grey	cc Y62-010-086	10A07	P	31	134 131 122	Polo Blue	cc B74-042-254	20D41	W	46	138 167 204
Amazon	G54-066-157	14D43	D	22	56 123 84	Frost	G90-024-103	12B15	W	76	225 228 197	Porcelain	cc N90-003-098	22C31	W	75	221 220 219
Antique Brass	cc D44-078-067	08D45	O	14	108 70 31	Fun Blue	cc B47-087-258	20E53	O	16	51 80 131	Primrose	G88-071-097	10E49	P	72	228 222 142
Aqua	G83-045-187	16E50	W	61	146 211 202	Fun Green	cc G45-090-159	14E56	Y	14	21 99 61	Provisional Pink	cc 092-015-049	04C31	W	81	246 227 218
Astronaut Blue	cc B38-052-231	18D45	U	10	33 69 89	Gigas	cc V45-072-295	22E53	L	15	86 71 134	Prussian Blue	cc B31-038-237	18E50	U	7	25 47 65
Athens Grey	cc N89-004-107	22E35	W	74	228 221 221	Glacier	cc B74-043-216	18D41	W	47	120 177 191	Pumice	cc G80-011-123	16A03	W	58	186 192 150
Bahama Blue	cc B46-084-237	18E53	D	16	37 89 127	Golden Sand	G78-113-077	10D41	P	53	234 206 106	Quill Grey	cc N84-008-097	00A01	W	65	203 201 192
Bali Hai	B70-024-230	18C35	W	40	132 156 169	Granite Green	cc Y62-031-085	10B21	L	31	139 130 101	Rain Forest	G52-095-101	12D44	O	20	102 112 40
Baltic Sea	cc N37-002-259	00A13	M	10	60 61 62	Granny Apple	G91-030-150	14E49	W	78	197 231 205	Rajah	cc 080-112-066	06E50	M	57	252 174 96
Bay Leaf	G73-050-155	14D41	L	44	123 177 141	Green Mist	cc G80-038-104	12B17	W	57	191 194 152	Rangoon Green	cc G31-010-112	12B29	G	7	48 46 37
Birch	cc Y35-024-081	10B27	G	9	63 55 38	Green Pea	G45-060-159	14D44	G	15	38 98 66	Red Ochre	cc B37-059-029	04C39	MG	9	97 45 45
Biscay	cc B37-033-264	20C39	D	10	47 60 83	Green Smoke	G71-084-106	12C35	M	42	156 166 100	Regent St Blue	cc B83-034-213	18E50	W	61	160 205 217
Bismark	cc B53-034-224	18C37	L	21	72 108 122	Grey Nickel	cc G80-011-093	10A03	W	56	189 186 174	Reno Sand	cc 060-122-066	06D43	Y	29	178 110 51
Black Bean	cc G29-098-161	14C40	G	6	35 46 38	Guardsman Red	R47-148-036	04E53	R	16	149 46 49	Rich Gold	G52-121-057	06E56	Y	21	161 82 38
Blackberry	V29-049-347	02E58	MG	6	67 24 47	Gulf Stream	G73-046-187	16D41	P	45	116 178 168	Rock Blue	cc B72-025-255	20C35	W	44	147 162 186
Blossom	G19-028-015	02C33	W	55	223 177 182	Gum Leaf	G81-027-156	14C33	W	58	172 201 178	Rose Bud	cc R81-063-037	04E50	P	59	254 171 154
Blue Bark	cc B29-013-232	18C40	U	6	30 39 44	Hacienda	Y61-127-083	10D44	Y	30	158 128 34	Rouge	R54-078-001	02D43	M	22	169 60 100
Blue Hazi	cc V80-016-286	22C33	W	56	189 186 206	Haiti	cc V28-016-289	22B29	U	5	44 42 53	Russett	cc B853-024-042	04B23	L	22	125 101 92
Blue Night	cc B28-028-267	20C40	U	5	31 38 59	Harvest Gold	Y80-087-073	08D41	L	57	234 183 106	Saddle Brown	cc B836-049-065	08C39	O	9	80 96 30
Blue Stone	G47-064-191	16D44	U	16	22 100 97	Havana	cc B830-016-026	04B29	U	6	59 43 44	Sahara	Y70-143-090	10A43	Y	41	183 152 38
Bokara Grey	cc N28-005-068	08A14	D	5	42 39 37	Hawaiian Tan	G53-048-156	06D44	Y	21	153 82 43	Salem	G53-099-160	14E53	D	21	23 123 77
Bordeaux Blue	cc B40-077-256	20E56	U	11	38 65 107	Hemp	B862-025-045	04B21	L	31	152 125 115	San Marino	cc B55-064-262	20D43	L	23	78 108 157
Boston Blue	cc B63-072-224	18E51	L	31	67 142 172	Hill Grey	cc N74-006-196	18B19	W	46	161 169 168	Scampi	cc V56-062-292	22D43	P	24	111 99 160
Boulder	cc N61-006-148	16A07	P	29	124 129 124	Hot Chile	R37-084-027	04D45	MG	9	107 37 44	Scarpa Flow	cc N55-002-289	00A09	P	22	107 106 108
Brandy	D89-054-069	08C33	P	57	220 187 138	Hot Curry	cc Y52-083-071	08C37	O	20	129 91 40	Scrub	cc G37-020-109	12B27	G	9	61 64 49
Brandy	cc B70-026-074	08B19	P	40	167 151 179	Hot Purple	G53-048-319	24C39	U	9	78 46 83	Sea Fog	cc M92-005-100	10A01	W	81	223 221 214
Brown Bramble	cc B838-044-054	06C39	U	10	83 51 30	Husk	G69-089-087	10C35	D	40	178 153 75	Seance	V42-081-321	24E56	U	12	105 50 110
Brown Pod	cc B830-029-042	06C40	U	6	60 36 27	Ikberg	G89-016-178	18E49	W	75	202 225 217	Shilo	R80-040-039	04C33	W	57	230 178 156
Buddha Gold	Y69-160-084	10E56	Y	39	188 155 27	Woodsie Grey	cc G35-009-094	10A09	L	23	112 110 102	Ship Grey	cc N43-000-147	00A11	L	13	78 78 76
Bunker	cc N30-006-253	18A14	D	10	41 44 47	Jacarta	cc V36-051-294	22C39	D	9	61 50 93	Slam	cc G53-028-105	12B23	M	21	164 107 80
Butter	Y84-069-089	10C33	P	65	222 203 129	Jade	cc G53-039-191	16C37	M	21	64 114 109	Silver Sand	cc N80-006-102	00A03	W	57	190 189 182
Buttercup	cc Y74-173-075	08E51	Y	47	218 148 41	Jumbo	cc N64-001-095	00A07	W	32	135 135 133	Soft Amber	cc Y81-027-073	08B17	W	59	207 190 165
Calico	B79-054-075	08C33	P	56	213 177 133	Jungle Mist	cc G80-014-201	18C33	W	57	176 196 196	Solitaire	Y90-023-077	08B15	W	77	234 218 194
Calypso	cc B54-052-225	18D43	L	22	61 113 136	Kashmir Blue	cc B55-041-254	20C37	L	23	87 109 142	Spindle	cc B82-022-246	20C39	W	60	179 196 216
Can Can	R72-049-007	02C35	W	43	208 138 155	Kelp	cc G43-024-106	12B25	O	13	77 80 60	Spun Pearl	cc B72-010-182	22B19	W	44	162 161 172
Cannon Pink	R53-050-002	02C37	M	21	142 81 100	Kimberly	cc G53-044-293	22C37	L	21	105 93 135	Squidrel	cc B862-025-066	08B21	L	30	143 125 107
Canvas	cc Y71-036-087	10B19	P	43	163 153 119	Lemon	cc Y77-179-085	10E51	Y	52	217 178 32	St Tropez	cc B47-069-266	20D44	M	16	50 84 130
Cape Cod	cc N45-006-187	16A11	L	14	78 85 82	Lightning Yellow	cc Y71-180-072	08E53	Y	52	247 162 51	Sun	cc 074-181-067	08E55	Y	47	239 147 56
Cardinal Green	cc G32-026-162	14E58	P	3	27 52 39	Lime	G78-153-101	12E51	Y	53	183 197 147	Sunflower	cc Y80-181-090	10E53	Y	56	218 192 26
Cardinal	R43-092-360	02E56	MG	13	138 36 78	Limeside	G62-123-120	12E55	Y	30	95 151 39	Surfie Green	cc G54-080-191	16E53	D	22	0 123 119
Carissima	R72-069-011	02D41	L	44	230 128 149	Limerick	G70-137-111	12E53	Y	40	137 172 39	Suva Grey	cc N64-004-043	02A07	W	32	139 134 133
Cascade	G72-022-178	16C35	P	44	140 168 160	Usbon Brown	cc G45-027-086	10B25	G	14	84 79 58	Swamp	cc G30-011-198	16E40	U	6	37 47 47
Catskill White	N90-008-126	18B15	W	77	224 228 220	Locust	cc Y71-034-103	12B19	L	42	162 165 128	Tacaco	cc N81-079-061	06D41	P	59	246 174 120
Champagne	Y87-035-078	08C31	W	70	238 217 182	Logan	cc B72-022-284	22C35	W	43	157 156 180	Tahiti Gold	cc 069-175-060	06E53	Y	40	220 114 42
Charade	cc B37-008-229	18B27	M	10	57 64 67	London Hue	G72-025-327	24C35	W	43	174 148 171	Thistle	Y79-036-089	10B17	P	56	199 189 149
Chateau Green	G63-098-149	14E51	D	32	65 359 89	Madras	B836-040-090	10C39	O	9	71 62 35	Tiana	cc N81-007-165	18B17	W	59	185 195 190
Chatham Blue	cc B46-054-232	18D44	D	15	44 89 113	Maize	cc Y29-011-086	10B29	O	6	42 41 34	Tiber	cc G37-037-195	16E39	U	10	24 67 67
Chinook	G82-049-151	14E50	P	60	157 211 168	Mandarin	Y62-126-072	08D43	O	31	181 123 46	Tobago	cc B835-022-060	08B27	G	8	68 54 45
Chocolate	cc R28-028-016	04C40	MG	5	61 35 39	Mardi Gras	V29-026-322	24C40	MG	6	53 34 53	Toffee	cc 053-077-055	06C37	O	21	142 89 60
Cinder	cc N28-008-243	18B29	D	6	36 42 46	Martinique	cc V36-021-294	22B27	M	9	60 55 72	Toledo	cc V29-027-351	02C40	MG	6	62 38 49
Cinderella	R90-027-039	04E49	W	77	251 215 204	Maverick	Y80-018-040	06C33	W	56	200 177 182	Togaz	cc V61-011-299	22B21	P	29	128 124 135
Cloche	cc Y81-011-082	06A07	W	59	194 188 177	Meloe Orange	G69-132-053	24E51	D	40	226 121 69	Trendy Green	cc G60-107-101	12D43	Y	28	126 136 36
Cobalt	cc B39-058-260	20D45	D	10	39 60 90	Mexican Red	R51-100-031	04D43	D	19	155 61 61	Trendy Pink	cc V56-041-323	24C37	M	24	128 93 128
Cocoa Bean	cc R36-024-030	04B27	D	9	79 56 53	Milano Red	R48-145-038	04E55	R	16	158 51 50	Trinidad	cc 061-167-048	06E55	Y	29	197 97 51
Cola	cc B833-023-066	08C40	D	8	60 47 35	Minsk	cc V36-070-295	22D45	D	9	62 50 103	Tropical Blue	cc B84-037-250	20E50	W	63	174 201 235
Colonial White	Y89-043-083	10C31	W	74	233 215 171	Moon Yellow	cc Y44-005-065	10E55	Y	61	240 196 32	Trot	cc N45-008-228	18B25	L	15	76 83 86
Como	cc G55-047-156	14C37	M	73	76 120 92	Mortai	cc N84-005-065	02A11	L	14	86 80 81	Tundra	cc N45-003-047	06A11	L	15	88 84 82
Concord	cc N62-007-087	06A07	P	30	130 127 121	Mosque	G46-082-190	16E56	D	15	0 95 91	Turtle Green	cc G39-033-115	12C39	O	11	54 62 29
Congo Brown	cc B845-023-034	04B25	L	14	101 77 73	Mountain Mist	cc N71-003-088	00A05	W	42	160 159 156	Tusk	G90-044-104	12C31	W	76	

The British Standard 5252 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 and so on 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 – 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 Group A (01) to the right-hand column of Group E (58). The numbering, however, is not regular across eight columns in each group, because some column numbers were established as standard in BS4800.

In Group A and B and substantially in Group C, columns of equal weight have equal lightness. In Group 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 Group E 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. For example: 08B15, 24E53

- The first part signifies hue and consists of a number with two numerals (neutral colours are designated 00).
- The second part signifies greyness and consists of a letter A to E.
- The third part signifies weight and consists of a number with two numerals.

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 relationship 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, such as paints, plastics and vitreous enamels, and those that specify colours for a particular use but are not tied to one material, such as colours for farm building exteriors, office and school furniture and equipment and flooring materials.

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

- Relevant technical and economic factors and performance in use.
- The intended functions of the colours and 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.



Keep your place cooler with a Resene CoolColour™

If you are planning to use dark colours outside consider investing in a Resene CoolColour™. Colours made using Resene CoolColour technology reflect more heat than a standard colour reducing the stress on the coating, substrate and building keeping them cooler. Check with Resene ColorShop or Reseller staff to see whether a Resene CoolColour is right for your project.



Explore a colour library

View an extensive range of Resene colour swatches in the online Resene colour library, then download the ones you like. Once you have found your favourites, order testpots online and try them out for yourself in the real world. Or browse through the in-store libraries of colour that can be found at most Resene ColorShops and Resellers. With thousands of variously coloured A4 swatches to pore over, you're bound to find one that suits.



'See' the finish

Virtual painting with Resene EzyPaint allows you to visualise the entire colour scheme before the redecorating even starts. Available free from the Resene website, www.resene.com/ezypaint.



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. Resene testpots are available from your local Resene ColorShop or Reseller or you can order online from the Resene website.



Keep it looking good

Annual washing will help maintain the fresh appearance of your paintwork. Follow the recommendations in the Resene Caring for your paint finish brochure or on the Resene website to keep your paint finish looking its best.



Be PaintWise

For tips on minimising the impact of your decorating on the environment see www.resene.com/paintwise.htm.



Enjoy the Resene Promise of quality

Enjoy the Resene Promise of quality on a wide range of Resene premium paints. See your Resene ColorShop or the Resene website for a copy.



Choose to help the environment

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.



Our commitment to sustainability led to Resene being named Sustainable Business of the Year at the 2010 National Sustainable Business Awards.

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