































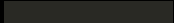

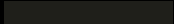
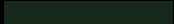


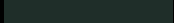


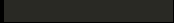


















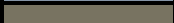
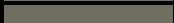


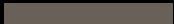





RAL-Colors

Name	Pattern	R,G,B (0..255)	CIELAB L*, a*, b*
RAL 1000 Green beige		214, 199, 148	+76,10, -00,56, +26,69
RAL 1001 Beige		217, 186, 140	+73,80, +05,24, +25,77
RAL 1002 Sand yellow		214, 176, 117	+72,10, +07,16, +35,49
RAL 1003 Signal yellow		252, 163, 041	+75,40, +19,11, +76,65
RAL 1004 Golden yellow		227, 150, 036	+70,00, +14,88, +76,57
RAL 1005 Honey yellow		201, 135, 033	+64,00, +13,02, +73,86
RAL 1006 Maize yellow		224, 130, 031	+67,00, +22,51, +73,64
RAL 1007 Daffodil yellow		227, 122, 031	+67,00, +26,37, +76,59
RAL 1011 Brown beige		173, 122, 079	+58,00, +12,18, +31,74
RAL 1012 Lemon yellow		227, 184, 056	+74,00, +04,53, +64,84
RAL 1013 Oyster white		255, 245, 227	+88,00, +00,17, +10,00
RAL 1014 Ivory		240, 214, 171	+81,00, +02,40, +22,87
RAL 1015 Light ivory		252, 235, 204	+86,00, +02,23, +15,84
RAL 1016 Sulfur yellow		255, 245, 066	+88,00, -09,14, +74,44
RAL 1017 Saffron yellow		255, 171, 089	+76,00, +19,50, +53,56
RAL 1018 Zinc yellow		255, 214, 077	+84,00, +02,51, +71,96
RAL 1019 Grey beige		163, 140, 122	+62,00, +04,33, +13,31
RAL 1020 Olive yellow		156, 143, 097	+60,00, +00,44, +25,00
RAL 1021 Rape yellow		252, 189, 031	+78,00, +09,51, +90,50
RAL 1023 Traffic yellow		252, 184, 033	+78,00, +09,62, +91,50
RAL 1024 Ochre yellow		181, 140, 079	+63,00, +08,52, +40,10
RAL 1026 Luminous yellow		255, 255, 010	+96,00, -20,00, +85,00
RAL 1027 Curry		153, 117, 033	+55,90, +06,01, +56,28
RAL 1028 Melon yellow		255, 140, 026	+74,00, +30,93, +89,82
RAL 1032 Broom yellow		227, 163, 041	+71,00, +12,85, +72,88
RAL 1033 Dahlia yellow		255, 148, 054	+72,00, +27,35, +67,68
RAL 1034 Pastel yellow		247, 153, 092	+72,00, +21,98, +47,13
RAL 2000 Yellow orange		224, 094, 031	+59,00, +34,91, +62,97
RAL 2001 Red orange		186, 046, 033	+48,00, +41,00, +39,60
RAL 2002 Vermilion		204, 036, 028	+45,00, +51,22, +40,02
RAL 2003 Pastel orange		255, 099, 054	+65,00, +42,32, +58,25
RAL 2004 Pure orange		242, 059, 028	+54,90, +52,71, +62,16
RAL 2005 Luminous orange		252, 028, 020	+60,00, +75,84, +63,64
RAL 2007 Luminous bright orange		255, 117, 033	+72,00, +41,94, +64,58
RAL 2008 Bright red orange		250, 079, 041	+61,00, +45,56, +58,31
RAL 2009 Traffic orange		235, 059, 028	+53,00, +50,78, +60,52
RAL 2010 Signal orange		212, 069, 041	+54,20, +41,41, +46,15
RAL 2011 Deep orange		237, 092, 041	+61,00, +39,14, +58,03
RAL 2012 Salmon orange		222, 082, 071	+57,00, +41,76, +32,63
RAL 3000 Flame red		171, 031, 028	+38,00, +48,91, +32,99
RAL 3001 Signal red		163, 023, 026	+37,00, +45,90, +26,50
RAL 3002 Carmine red		163, 026, 026	+37,00, +45,90, +26,50
RAL 3003 Ruby red		138, 018, 020	+30,00, +43,30, +25,00
RAL 3004 Purple red		105, 015, 020	+28,00, +31,52, +12,74
RAL 3005 Wine red		079, 018, 026	+26,00, +22,55, +08,21
RAL 3007 Black red		046, 018, 026	+21,00, +11,48, +03,51
RAL 3009 Oxide red		094, 033, 033	+31,00, +22,64, +14,71
RAL 3011 Brown red		120, 020, 023	+31,00, +32,97, +16,80
RAL 3012 Beige red		204, 130, 115	+63,00, +21,21, +21,21
RAL 3013 Tomato red		150, 031, 028	+36,00, +42,28, +28,52
RAL 3014 Antique pink		217, 102, 117	+59,00, +33,61, +12,90
RAL 3015 Light pink		232, 156, 181	+72,00, +20,61, +04,01
RAL 3016 Coral red		166, 036, 038	+42,00, +41,45, +27,96
RAL 3017 Rose		209, 054, 084	+52,00, +46,68, +17,92
RAL 3018 Strawberry red		207, 041, 066	+50,00, +51,00, +20,60
RAL 3020 Traffic red		199, 023, 018	+41,00, +56,63, +41,14
RAL 3022 Salmon pink		217, 089, 079	+57,00, +37,54, +28,29
RAL 3024 Luminous red		252, 010, 028	+59,00, +80,09, +58,19
RAL 3026 Luminous bright red		252, 020, 020	+59,00, +77,71, +62,93
RAL 3027 Raspberry red		181, 018, 051	+41,00, +50,74, +18,47
RAL 3031 Orient red		166, 028, 046	+41,00, +44,94, +21,92
RAL 4001 Red lilac		130, 064, 128	+47,00, +18,61, -13,52
RAL 4002 Red violet		143, 038, 064	+38,00, +33,38, +06,49
RAL 4003 Heather violet		201, 056, 140	+55,00, +43,57, -06,12
RAL 4004 Claret violet		092, 008, 043	+26,30, +31,37, +01,31
RAL 4005 Blue lilac		099, 061, 156	+49,00, +16,22, -24,04
RAL 4006 Traffic purple		145, 015, 102	+40,00, +43,23, -15,73
RAL 4007 Purple violet		056, 010, 046	+23,00, +17,74, -06,81

RAL-Colors

Name	Pattern	R,G,B (0..255)	CIELAB L*, a*, b*
RAL 4008 Signal violet		125, 031, 122	+42,00, +31,03, -20,15
RAL 4009 Pastel violet		158, 115, 148	+59,00, +10,52, -03,22
RAL 4010 Telemagenta		191, 023, 115	+45,00, +55,86, -03,91
RAL 5000 Violet blue		023, 051, 107	+35,00, -02,30, -21,88
RAL 5001 Green blue		010, 051, 084	+31,00, -09,64, -19,77
RAL 5002 Ultramarine blue		000, 015, 117	+29,00, +09,92, -39,78
RAL 5003 Sapphire blue		000, 023, 069	+24,00, -00,73, -20,99
RAL 5004 Black blue		003, 013, 031	+13,00, +00,00, -07,00
RAL 5005 Signal blue		000, 046, 122	+34,80, -06,64, -35,48
RAL 5007 Brilliant blue		038, 079, 135	+45,00, -06,62, -23,07
RAL 5008 Gray blue		026, 041, 056	+26,90, -02,79, -07,50
RAL 5009 Azure blue		023, 069, 112	+38,00, -10,80, -20,31
RAL 5010 Gentian blue		000, 043, 112	+30,90, -07,51, -33,88
RAL 5011 Steel blue		003, 020, 046	+21,00, -01,53, -10,89
RAL 5012 Light blue		041, 115, 184	+54,00, -15,21, -32,63
RAL 5013 Cobalt blue		000, 018, 069	+22,00, +02,30, -21,88
RAL 5014 Pigeon blue		077, 105, 153	+52,00, -02,95, -16,74
RAL 5015 Sky blue		023, 097, 171	+49,60, -13,63, -35,69
RAL 5017 Traffic blue		000, 059, 128	+36,90, -12,85, -34,91
RAL 5018 Turquoise blue		056, 148, 130	+53,00, -29,48, -09,58
RAL 5019 Capri blue		010, 066, 120	+37,00, -11,95, -29,14
RAL 5020 Ocean blue		005, 051, 051	+24,40, -17,98, -14,98
RAL 5021 Water blue		026, 122, 099	+45,40, -31,35, -10,61
RAL 5022 Night blue		000, 008, 079	+24,10, +08,89, -25,39
RAL 5023 Distant blue		046, 082, 143	+46,00, -03,60, -22,72
RAL 5024 Pastel blue		087, 140, 181	+60,00, -10,18, -18,37
RAL 6000 Patina green		051, 120, 084	+47,00, -22,50, +04,78
RAL 6001 Emerald green		038, 102, 041	+42,00, -26,35, +19,86
RAL 6002 Leaf green		038, 087, 033	+35,00, -24,52, +22,08
RAL 6003 Olive green		061, 069, 046	+36,00, -05,08, +11,97
RAL 6004 Blue green		013, 059, 046	+28,00, -17,47, -04,35
RAL 6005 Moss green		010, 056, 031	+25,70, -19,35, +03,69
RAL 6006 Grey olive		041, 043, 036	+26,00, -01,65, +05,77
RAL 6007 Bottle green		028, 038, 023	+22,00, -06,16, +07,88
RAL 6008 Brown green		033, 033, 026	+18,00, -01,15, +10,94
RAL 6009 Fir green		023, 041, 028	+24,00, -07,31, +03,25
RAL 6010 Grass green		054, 105, 038	+43,00, -23,42, +26,01
RAL 6011 Reseda green		094, 125, 079	+51,00, -12,31, +15,76
RAL 6012 Black green		031, 046, 043	+27,00, -05,97, -00,63
RAL 6013 Reed green		117, 115, 079	+50,00, -02,23, +15,84
RAL 6014 Yellow olive		051, 048, 038	+30,00, +00,37, +06,99
RAL 6015 Black olive		041, 043, 038	+29,00, -02,00, +03,46
RAL 6016 Turquoise green		015, 112, 051	+40,00, -36,75, +06,94
RAL 6017 Yellow green		064, 130, 054	+51,00, -24,93, +28,68
RAL 6018 May green		079, 168, 051	+59,00, -34,77, +40,00
RAL 6019 Pastel green		191, 227, 186	+80,00, -12,96, +13,90
RAL 6020 Chrome green		038, 056, 041	+30,00, -07,22, +08,30
RAL 6021 Pale green		133, 166, 122	+62,00, -11,70, +14,97
RAL 6022 Olive drab		043, 038, 028	+26,00, +00,49, +06,98
RAL 6024 Traffic green		036, 145, 064	+48,60, -45,77, +18,31
RAL 6025 Fern green		074, 110, 051	+45,00, -13,91, +23,14
RAL 6026 Opal green		010, 092, 051	+34,60, -36,70, +00,13
RAL 6027 Light green		125, 204, 189	+72,00, -20,46, -04,72
RAL 6028 Pine green		038, 074, 051	+35,00, -15,30, +04,68
RAL 6029 Mint green		018, 120, 038	+42,00, -43,88, +16,84
RAL 6032 Signal green		041, 138, 064	+46,40, -41,20, +18,09
RAL 6033 Mint turquoise		066, 140, 120	+53,00, -21,79, -03,06
RAL 6034 Pastel turquoise		125, 189, 181	+68,00, -15,97, -05,81
RAL 7000 Squirrel grey		115, 133, 145	+57,00, -03,36, -04,97
RAL 7001 Silver grey		135, 148, 166	+62,00, -02,42, -04,37
RAL 7002 Olive grey		122, 117, 097	+53,00, -00,19, +11,00
RAL 7003 Moss grey		112, 112, 097	+51,00, -01,22, +06,89
RAL 7004 Signal grey		156, 156, 166	+65,00, +00,07, -01,00
RAL 7005 Mouse grey		097, 105, 105	+48,00, -01,89, +00,65
RAL 7006 Beige grey		107, 097, 087	+47,00, +02,07, +07,73
RAL 7008 Khaki grey		105, 084, 056	+44,00, +03,65, +20,68
RAL 7009 Green grey		077, 082, 074	+39,00, -02,87, +04,10
RAL 7010 Tarpaulin grey		074, 079, 074	+40,00, -02,30, +01,93

RAL-Colors

Name	Pattern	R,G,B (0..255)	CIELAB L*, a*, b*
RAL 7011 Iron grey		064, 074, 084	+39,00, -02,18, -03,35
RAL 7012 Basalt grey		074, 084, 089	+41,00, -02,23, -02,01
RAL 7013 Brown grey		071, 066, 056	+36,00, +00,49, +06,98
RAL 7015 Slate grey		061, 066, 082	+37,00, -00,49, -03,97
RAL 7016 Anthracite grey		038, 046, 056	+31,00, -01,88, -03,53
RAL 7021 Black grey		026, 033, 041	+24,00, -01,32, -02,70
RAL 7022 Umbra grey		061, 061, 059	+34,00, -00,26, +02,99
RAL 7023 Concrete grey		122, 125, 117	+54,00, -01,79, +04,67
RAL 7024 Graphite grey		048, 056, 069	+33,20, -00,36, -03,98
RAL 7026 Granite grey		038, 051, 056	+30,00, -03,83, -03,21
RAL 7030 Stone grey		145, 143, 135	+60,00, -00,44, +04,98
RAL 7031 Blue grey		077, 092, 107	+46,00, -03,53, -04,85
RAL 7032 Pebble grey		189, 186, 171	+73,00, -00,97, +07,94
RAL 7033 Cement grey		122, 130, 117	+55,00, -03,88, +07,00
RAL 7034 Yellow grey		143, 135, 112	+58,00, -00,23, +13,00
RAL 7035 Light grey		212, 217, 219	+81,00, -01,87, +00,72
RAL 7036 Platinum grey		158, 150, 156	+62,00, +00,91, +00,42
RAL 7037 Dusty grey		122, 125, 128	+54,00, -01,00, -00,03
RAL 7038 Agate grey		186, 189, 186	+73,00, -01,55, +02,57
RAL 7039 Quartz grey		097, 094, 089	+44,00, +00,07, +04,00
RAL 7040 Window grey		158, 163, 176	+65,80, -01,38, -03,21
RAL 7042 Verkehrsgrau A		143, 150, 153	+62,00, -01,90, -00,62
RAL 7043 Verkehrsgrau B		064, 069, 069	+36,00, -02,00, -00,03
RAL 7044 Silk grey		194, 191, 184	+74,00, -00,17, +05,00
RAL 7045 Telegrau 1		143, 148, 158	+61,00, -01,63, -02,52
RAL 7046 Telegrau 2		120, 130, 140	+56,00, -01,88, -03,53
RAL 7047 Telegrau 4		217, 214, 219	+81,00, +00,00, +00,00
RAL 8000 Green brown		125, 092, 056	+48,00, +06,77, +27,17
RAL 8001 Ocher brown		145, 082, 046	+49,00, +17,53, +35,95
RAL 8002 Signal brown		110, 059, 048	+39,00, +15,83, +15,28
RAL 8003 Clay brown		115, 059, 036	+41,00, +16,78, +24,87
RAL 8004 Copper brown		133, 056, 043	+41,00, +25,18, +24,31
RAL 8007 Fawn brown		094, 051, 031	+36,00, +13,98, +20,73
RAL 8008 Olive brown		099, 061, 036	+37,00, +11,84, +24,27
RAL 8011 Nut brown		071, 038, 028	+27,00, +13,54, +17,34
RAL 8012 Red brown		084, 031, 031	+27,00, +21,84, +15,87
RAL 8014 Sepia brown		056, 038, 028	+25,00, +06,30, +11,37
RAL 8015 Chestnut brown		077, 031, 028	+30,00, +16,77, +10,89
RAL 8016 Mahogany brown		061, 031, 028	+25,00, +12,26, +10,28
RAL 8017 Chocolate brown		046, 028, 028	+22,00, +08,43, +07,07
RAL 8019 Grey brown		043, 038, 041	+29,00, +02,70, +01,32
RAL 8022 Black brown		013, 008, 013	+10,50, +01,96, +01,20
RAL 8023 Orange brown		156, 069, 041	+48,00, +25,88, +34,34
RAL 8024 Beige brown		110, 064, 048	+40,00, +12,86, +19,07
RAL 8025 Pale brown		102, 074, 061	+43,00, +08,39, +12,44
RAL 8028 Terra brown		064, 046, 033	+29,00, +06,70, +11,14
RAL 9001 Cream		255, 252, 240	+90,00, +00,61, +06,97
RAL 9002 Grey white		240, 237, 230	+85,00, -00,97, +03,88
RAL 9003 Signal white		255, 255, 255	+94,00, -00,95, +00,31
RAL 9004 Signal black		028, 028, 033	+10,00, +00,81, -00,59
RAL 9005 Jet black		003, 005, 010	+04,70, -00,29, -00,53
RAL 9006 White aluminium		166, 171, 181	+77,00, +00,00, -05,00
RAL 9007 Grey aluminium		125, 122, 120	+61,00, +00,71, +00,71
RAL 9010 Pure white		250, 255, 255	+94,00, -00,49, +03,97
RAL 9011 Graphite black		013, 018, 026	+16,00, -00,17, -00,98
RAL 9016 Traffic white		252, 255, 255	+93,00, -00,72, +01,87
RAL 9017 Traffic black		020, 023, 028	+05,00, +00,00, +00,00
RAL 9018 Papyrus white		219, 227, 222	+81,00, -02,33, +01,89