



























































































All colours defined in RAL Classic

RAL number	English name	Sample	sRGB 8-bit Hex triplet	Gray C <sub>linear</sub>	8-bit sRGB			sRGB HSL			CIE LAB 1931			CMYK				LRV
					red	green	blue	H°	S%	L%	L* <sub>a</sub>	a*	b*	C%	M%	Y%	K%	
RAL 1000	Green beige		#CDBA88	186.29	205	186	136	47.08°	37.57	66.08	76.022	-0.366	27.636	0	7	32	21	50
RAL 1001	Beige		#D0B084	178.7	208	176	132	36.99°	41.71	65.69	73.595	5.518	26.95	0	14	36	20	46
RAL 1002	Sand yellow		#D2AA6D	173.04	210	170	109	38.13°	48.98	61.57	71.934	7.362	36.744	0	17	47	20	44
RAL 1003	Signal yellow		#F9A800	172.32	249	168	0	41.90°	100	47.45	75.041	19.801	80.264	0	30	100	5	48
RAL 1004	Golden yellow		#E49E00	160.7	228	158	0	43.17°	100	43.33	70.089	16.1	78.815	0	28	100	13	41
RAL 1005	Honey yellow		#CB8E00	144.16	203	142	0	43.55°	100	38.63	63.448	13.382	74.694	0	27	100	23	32
RAL 1006	Maize yellow		#E29000	150.26	226	144	0	39.73°	100	42.94	66.562	22.472	76.492	0	34	100	14	36
RAL 1007	Daffodil yellow		#E88C00	148.89	232	140	0	37.43°	100	44.31	66.5	27.308	80.402	0	38	100	11	36
RAL 1011	Brown beige		#AF804F	134.32	175	128	79	32.61°	36.8	49.02	57.338	12.518	33.353	0	25	54	33	25
RAL 1012	Lemon yellow		#DDAF27	174.04	221	175	39	47.12°	70.52	49.22	73.615	4.946	68.938	0	18	83	16	46
RAL 1013	Oyster white		#E3D9C6	218.12	227	217	198	43.85°	30.23	83.14	87.152	0.27	10.431	0	3	12	12	70
RAL 1014	Ivory		#DDC49A	198.15	221	196	154	40.95°	45.32	72.75	80.411	2.763	24.175	0	9	29	15	57
RAL 1015	Light ivory		#E6D2B5	212.24	230	210	181	39.13°	45.1	80	85.219	2.394	16.821	0	7	20	11	66
RAL 1016	Sulfur yellow		#F1DD38	211.92	241	221	56	56.65°	79.56	55.88	87.29	-9.283	76.694	0	4	77	9	71
RAL 1017	Saffron yellow		#F6A950	178.38	246	169	80	33.75°	84.21	62.75	75.183	20.633	55.581	0	29	67	6	49
RAL 1018	Zinc yellow		#FACA30	199.96	250	202	48	48.06°	88.29	56.47	83.353	3.462	75.829	0	16	81	5	63
RAL 1019	Grey beige		#A48F7A	145.52	164	143	122	31.50°	17.7	55.69	60.643	4.702	13.952	0	12	25	36	29
RAL 1020	Olive yellow		#A08F65	142.94	160	143	101	45°	22.22	50.59	59.883	0.56	24.683	0	9	36	38	28
RAL 1021	Colza yellow		#F6B600	181.48	246	182	0	46.13°	100	46.67	77.828	10.664	94.6	0	23	100	7	53
RAL 1023	Traffic yellow		#F7B500	181.69	247	181	0	45.94°	100	46.86	77.72	11.334	93.913	0	23	100	6	53
RAL 1024	Ochre yellow		#BA8F4C	146.88	186	143	76	39.06°	41.73	50.2	62.261	8.491	41.488	0	20	59	29	31
RAL 1026	Luminous yellow		#####	236.59	255	255	0	0.17°	100	50	99.618	-17.229	116.966	0	0	100	0	99
RAL 1027	Curry		#A77F0E	126.85	167	127	14	46.40°	86.21	34.12	55.557	6.493	58.255	0	21	93	36	23
RAL 1028	Melon yellow		#FF9B00	165.78	255	155	0	0.10°	100	50	73.671	31.654	95.458	0	39	100	0	46
RAL 1032	Broom yellow		#E2A300	163.85	226	163	0	44.93°	100	42.94	71.135	12.766	74.772	0	25	100	14	42
RAL 1033	Dahlia yellow		#F99A1C	164.47	249	154	28	35.56°	90	52.94	71.74	27.78	71.677	0	36	89	5	43
RAL 1034	Pastel yellow		#EB9C52	167.03	235	156	82	30.60°	74.87	60.98	70.94	22.91	49.962	0	32	65	10	42
RAL 1035	Pearl beige		#908370	131.97	144	131	112	38°	11.81	49.8	55.258	1.866	11.775	0	8	21	44	—
RAL 1036	Pearl gold		#80643F	103.36	128	100	63	36.77°	32.98	36.86	44.425	6.462	25.001	0	19	50	51	—
RAL 1037	Sun yellow		#F09200	154.88	240	146	0	37.69°	100	45.88	68.889	27.62	74.504	0	37	100	8	39
RAL 2000	Yellow orange		#DD7907	124.67	213	111	0	31.27°	100	41.76	58.201	37.297	68.683	0	48	100	16	26
RAL 2001	Red orange		#BE4E20	92.21	182	72	28	17.14°	73.33	41.18	45.824	44.129	47.554	0	60	85	29	15
RAL 2002	Vermilion		#C63927	82.55	188	56	35	8.24°	68.61	43.73	44.441	52.797	43.768	0	70	81	26	14
RAL 2003	Pastel orange		#FA842B	140.02	241	120	41	23.70°	87.72	55.29	64.235	44.142	61.832	0	50	83	5	33
RAL 2004	Pure orange		#E75B12	106.99	222	83	6	21.39°	94.74	44.71	54.448	53.586	63.716	0	63	97	13	22
RAL 2005	Luminous orange		#FF2300	109.08	255	75	17	14.62°	100	53.33	72.274	87.783	82.315	0	71	93	0	44
RAL 2007	Luminous bright orange		#FFA421	185.09	255	183	0	0.12°	100	50	88.914	52.782	97.982	0	28	100	0	74
RAL 2008	Bright red orange		#F3752C	128.3	232	107	34	22.12°	81.15	52.16	60.334	46.913	60.652	0	54	85	9	28
RAL 2009	Traffic orange		#E15501	106.43	218	83	10	21.06°	91.23	44.71	53.766	51.886	62.145	0	62	95	15	22
RAL 2010	Signal orange		#D4652F	112.84	204	93	41	19.14°	66.53	48.04	53.28	42.985	49.867	0	54	80	20	21
RAL 2011	Deep orange		#EC7C25	126.74	221	110	15	27.67°	87.29	46.27	59.241	40.856	64.504	0	50	93	13	27

RAL 2012	Salmon orange		#DB6A50	122.3	209	101	78	10.53°	58.74	56.27	56.085	42.492	34.021	0	52	63	18	24
RAL 2013	Pearl orange		#954527	77.49	143	62	38	13.71°	58.01	35.49	37.341	33.898	32.139	0	57	73	44	—
RAL 2017	RAL orange																	
RAL 3000	Flame red		#AB2524	65.86	164	40	33	3.21°	66.5	38.63	37.687	50.439	36.563	0	76	80	36	10
RAL 3001	Signal red		#A02128	59.87	152	35	35	0°	62.57	36.67	34.702	48.478	31.204	0	77	77	40	8
RAL 3002	Carmine red		#A1232B	59.09	152	34	34	0°	63.44	36.47	34.458	48.832	31.869	0	78	78	40	8
RAL 3003	Ruby red		#8D1D2C	48.4	132	25	34	354.95°	68.15	30.78	29.149	45.067	24.389	0	81	74	48	6
RAL 3004	Purple red		#701F29	44.16	105	27	35	353.85°	59.09	25.88	23.903	35.433	16.085	0	74	67	59	4
RAL 3005	Wine red		#5E2028	38.11	88	24	31	353.44°	57.14	21.96	19.699	30.019	12.525	0	73	65	65	3
RAL 3007	Black red		#402225	38.31	61	32	34	355.86°	31.18	18.24	16.437	14.617	5.268	0	48	44	76	2
RAL 3009	Oxide red		#703731	58.98	102	48	41	6.89°	42.66	28.04	27.272	24.588	16.512	0	53	60	60	5
RAL 3011	Brown red		#7E292C	53.65	119	36	36	0°	53.55	30.39	27.966	36.64	21.316	0	70	70	53	5
RAL 3012	Beige red		#CB8D73	144.24	194	133	109	16.94°	41.06	59.41	61.394	22.436	22.979	0	31	44	24	30
RAL 3013	Tomato red		#9C322E	67.25	149	46	37	4.82°	60.22	36.47	35.45	43.402	30.523	0	69	75	42	9
RAL 3014	Antique pink		#D47479	133.43	201	115	117	358.60°	44.33	61.96	58.26	34.939	14.085	0	43	42	21	26
RAL 3015	Light pink		#E1A6AD	172.13	215	160	166	353.45°	40.74	73.53	71.232	21.595	4.983	0	26	23	16	43
RAL 3016	Coral red		#AC4034	81.24	164	60	48	6.21°	54.72	41.57	40.678	42.925	30.919	0	63	71	36	12
RAL 3017	Rose		#D3545F	109.31	200	84	93	355.34°	51.33	55.69	51.708	47.655	19.335	0	58	53	22	20
RAL 3018	Strawberry red		#D14152	91.35	196	62	74	354.63°	53.17	50.59	47.141	54.458	24.604	0	68	62	23	16
RAL 3020	Traffic red		#C1121C	61.23	184	29	19	3.64°	81.28	39.8	40.511	59.32	47.967	0	84	90	28	12
RAL 3022	Salmon pink		#D56D56	124.6	204	105	85	10.08°	53.85	56.67	56.056	38.9	29.704	0	49	58	20	24
RAL 3024	Luminous red		#F70000	86.85	255	42	36	1.64°	100	57.06	61.253	83.212	65.195	0	84	86	0	30
RAL 3026	Luminous bright red		#FF0000	83.7	255	38	32	1.61°	100	56.27	63.701	87.132	70.01	0	85	87	0	32
RAL 3027	Raspberry red		#B42041	67.51	169	38	61	349.47°	63.29	40.59	38.686	53.68	20.868	0	78	64	34	10
RAL 3028	Pure red		#E72512	76.23	201	43	38	1.84°	68.2	46.86	45.358	60.958	44.231	0	79	81	21	15
RAL 3031	Orient red		#AC323B	75.38	164	51	56	357.35°	52.56	42.16	39.32	47.086	24.708	0	69	66	36	11
RAL 3032	Pearl ruby red		#711521	46.01	110	28	36	354.15°	59.42	27.06	25.034	36.705	17.139	0	75	67	57	—
RAL 3033	Pearl pink		#B24C43	78.53	162	57	46	5.69°	55.77	40.78	39.808	43.686	30.991	0	65	72	36	—
RAL 4001	Red lilac		#8A5A83	105.97	131	96	131	0.83°	15.42	44.51	45.333	19.568	-14.009	0	27	0	49	15
RAL 4002	Red violet		#933D50	78.09	140	60	75	348.75°	40	39.22	36.8	35.858	8.343	0	57	46	45	9
RAL 4003	Heather violet		#D15B8F	120.44	196	96	140	333.60°	45.87	57.25	54.247	44.659	-5.015	0	51	29	23	22
RAL 4004	Claret violet		#691639	46.12	100	29	57	336.34°	55.04	25.29	23.577	34.298	0.517	0	71	43	61	4
RAL 4005	Blue lilac		#83639D	110.93	123	103	154	263.53°	20.16	50.39	47.024	16.762	-25.226	20	33	0	40	16
RAL 4006	Traffic purple		#992572	73.46	145	48	115	318.56°	50.26	37.84	36.964	46.56	-16.759	0	67	21	43	10
RAL 4007	Purple violet		#4A203B	45.17	71	36	60	318.86°	32.71	20.98	19.721	20.17	-7.946	0	49	15	72	3
RAL 4008	Signal violet		#904684	91.8	135	75	131	304°	28.57	41.18	40.761	32.526	-20.561	0	44	3	47	12
RAL 4009	Pastel violet		#A38995	139.04	157	133	146	327.50°	10.91	56.86	58.22	11.056	-3.283	0	15	7	38	26
RAL 4010	Telemagenta		#C63678	92.69	187	62	119	332.64°	50.2	48.82	46.538	54.36	-4.083	0	67	36	27	16
RAL 4011	Pearl violet		#8773A1	103.86	113	98	135	264.32°	15.88	45.69	44.108	12.383	-18.407	16	27	0	47	—
RAL 4012	Pearl blackberry		#6B6880	108.87	109	107	127	246°	8.55	45.88	45.891	4.098	-11.086	14	16	0	50	—
RAL 5000	Violet blue		#384C70	75.71	56	78	111	216°	32.93	32.75	32.585	-1.282	-21.686	50	30	0	56	7
RAL 5001	Green blue		#1F4764	67.74	29	76	100	200.28°	55.04	25.29	29.866	-9.761	-19.22	71	24	0	61	6
RAL 5002	Ultramarine blue		#2B2C7C	53.88	30	54	123	224.52°	60.78	30	24.179	11.008	-42.748	76	56	0	52	4
RAL 5003	Sapphire blue		#2A3756	54.27	38	56	85	217.02°	38.21	24.12	22.956	0.076	-20.213	55	34	0	67	4
RAL 5004	Black blue		#1D1F2A	29.87	26	30	40	222.86°	21.21	12.94	11.174	0.654	-7.457	35	25	0	84	1

RAL 5005	Signal blue		#154889	67.68	0	81	135	204°	100	26.47	32.448	-6.68	-37.201	100	40	0	47	7
RAL 5007	Brilliant blue		#41678D	99.95	66	106	140	207.57°	35.92	40.39	42.929	-6.8	-23.609	53	24	0	45	13
RAL 5008	Grey blue		#313C48	55.96	45	58	68	206.09°	20.35	22.16	23.463	-3.174	-8.172	34	15	0	73	4
RAL 5009	Azure blue		#2E5978	85.46	45	94	120	200.80°	45.45	32.35	37.421	-10.799	-19.905	62	22	0	53	10
RAL 5010	Gentian blue		#13447C	64.74	0	78	124	202.26°	100	24.31	30.95	-7.433	-32.954	100	37	0	51	7
RAL 5011	Steel blue		#232C3F	41.54	30	43	61	214.84°	34.07	17.84	16.969	-1.198	-13.154	51	30	0	76	2
RAL 5012	Light blue		#3481B8	120.19	46	136	182	200.29°	59.65	44.71	53.135	-15.219	-32.486	75	25	0	29	21
RAL 5013	Cobalt blue		#232D53	47.55	34	48	83	222.86°	41.88	22.94	20.044	2.964	-23.406	59	42	0	67	3
RAL 5014	Pigeon blue		#6C7C98	121.63	104	124	150	213.91°	18.11	49.8	51.233	-2.817	-16.741	31	17	0	41	19
RAL 5015	Sky blue		#2874B2	103.02	11	123	176	199.27°	88.24	36.67	48.193	-13.907	-36.485	94	30	0	31	17
RAL 5017	Traffic blue		#0E518D	74.48	0	90	140	201.43°	100	27.45	34.824	-13.495	-36.357	100	36	0	45	8
RAL 5018	Turquoise blue		#21888F	115.26	27	139	140	180.53°	67.66	32.75	52.285	-30.312	-9.335	81	1	0	45	20
RAL 5019	<a href="#">Capri blue</a>		#1A5784	79.23	15	93	132	200°	79.59	28.82	36.615	-11.411	-28.473	89	30	0	48	9
RAL 5020	Ocean blue		#0B4151	51.9	0	65	75	188°	100	14.71	23.75	-20.682	-12.512	100	13	0	71	4
RAL 5021	Water blue		#07737A	92.27	0	117	119	181.01°	100	23.33	43.325	-33.797	-10.417	100	2	0	53	13
RAL 5022	Night blue		#2F2A5A	47.11	43	44	90	238.72°	35.34	26.08	19.872	10.632	-28.485	52	51	0	65	3
RAL 5023	Distant blue		#4D668E	100.29	74	104	141	213.13°	31.16	42.16	43.013	-3.442	-23.737	48	26	0	45	13
RAL 5024	Pastel blue		#6A93B0	138.74	103	146	172	202.61°	29.36	53.92	58.295	-10.309	-18.647	40	15	0	33	26
RAL 5025	Pearl Gentian blue		#296478	93.4	44	105	124	194.25°	47.62	32.94	41.102	-15.762	-16.748	65	15	0	51	—
RAL 5026	Pearl night blue		#102C54	45.28	27	47	82	218.18°	50.46	21.37	19.227	1.728	-24.359	67	43	0	68	—
RAL 6000	Patina green		#327662	102.44	59	116	96	158.95°	32.57	34.31	44.529	-23.651	5.316	49	0	17	55	14
RAL 6001	Emerald green		#28713E	88.55	49	104	52	123.27°	35.95	30	39.247	-28.094	23.342	53	0	50	59	11
RAL 6002	Leaf green		#276235	76.75	45	90	39	112.94°	39.53	25.29	34.079	-24.697	23.999	50	0	57	65	8
RAL 6003	Olive green		#4B573E	80.2	78	83	59	72.50°	16.9	27.84	34.335	-5.296	13.147	6	0	29	67	8
RAL 6004	Blue green		#0E4243	55.1	8	68	66	178°	78.95	14.9	25.484	-19.095	-4.31	88	0	3	73	5
RAL 6005	Moss green		#0F4336	54.43	17	66	50	160.41°	59.04	16.27	24.439	-20.569	4.665	74	0	24	74	4
RAL 6006	Grey olive		#40433B	56.63	59	57	46	50.77°	12.38	20.59	24.036	-1.163	7.105	0	3	22	77	4
RAL 6007	Bottle green		#283424	47.14	42	50	34	90°	19.05	16.47	19.792	-6.46	9.562	16	0	32	80	3
RAL 6008	Brown green		#35382E	51.7	54	52	42	50°	12.5	18.82	21.675	-0.827	6.489	0	4	22	79	3
RAL 6009	Fir green		#26392F	49.94	39	54	42	132°	16.13	18.24	20.78	-8.546	5.213	28	0	22	79	3
RAL 6010	Grass green		#3E753B	98.74	72	111	56	102.55°	32.93	32.75	42.993	-22.872	26.093	35	0	50	56	13
RAL 6011	Reseda green		#68825B	118.08	105	125	88	92.43°	17.37	41.76	49.931	-12.896	17.344	16	0	30	51	18
RAL 6012	Black green		#31403D	58.02	48	61	58	166.15°	11.93	21.37	24.554	-6.234	-0.13	21	0	5	76	4
RAL 6013	Reed green		#797C5A	116.83	122	118	90	52.50°	15.09	41.57	49.493	-2.158	16.371	0	3	26	52	18
RAL 6014	Yellow olive		#444337	65.2	70	65	53	42.35°	13.82	24.12	27.639	0.59	7.89	0	7	24	73	5
RAL 6015	Black olive		#3D403A	60.28	60	61	54	68.57°	6.09	22.55	25.484	-1.59	4.15	2	0	11	76	5
RAL 6016	Turquoise green		#026A52	81.3	0	106	76	163.02°	100	20.78	38.439	-39.355	8.026	100	0	28	58	10
RAL 6017	May green		#468641	113.74	83	128	63	101.54°	34.03	37.45	49.029	-25.488	29.753	35	0	51	50	18
RAL 6018	Yellow green		#48A43F	133.18	89	154	57	100.21°	45.97	41.37	57.587	-35.153	42.334	42	0	63	40	26
RAL 6019	Pastel green		#B7D9B1	198.66	183	206	172	100.59°	25.76	74.12	80.385	-13.069	14.476	11	0	17	19	57
RAL 6020	Chrome green		#354733	62.08	54	66	47	97.89°	16.81	22.16	26.338	-8.365	10.002	18	0	29	74	5
RAL 6021	Pale green		#86A47C	147.43	135	154	119	92.57°	14.77	53.53	61.305	-11.717	16.056	12	0	23	40	30
RAL 6022	<a href="#">Olive-drab/brown olive</a>		#3E3C32	51.41	57	51	39	40°	18.75	18.82	21.685	1.103	8.802	0	11	32	78	3
RAL 6024	Traffic green		#008754	100.18	0	132	80	156.36°	100	25.88	47.925	-44.563	18.534	100	0	39	48	17
RAL 6025	Fern green		#53753C	102.07	90	110	59	83.53°	30.18	33.14	43.932	-15.048	26.076	18	0	46	57	14
RAL 6026	Opal green		#005D52	73.58	0	95	78	169.26°	100	18.63	34.35	-36.57	0.829	100	0	18	63	8

RAL 6027	Light green	#81C0BB	173.31	128	186	181	174.83°	29.59	61.57	71.56	-20.503	-3.86	31	0	3	27	43
RAL 6028	Pine green	#2D5546	75.05	48	84	66	150°	27.27	25.88	32.5	-17.091	6.069	43	0	21	67	7
RAL 6029	Mint green	#007243	84.43	0	112	60	152.14°	100	21.96	39.92	-47.213	19.273	100	0	46	56	11
RAL 6032	Signal green	#0F8558	103.35	28	128	81	151.80°	64.1	30.59	47.236	-37.788	16.942	78	0	37	50	16
RAL 6033	Mint turquoise	#478A84	121.03	72	135	127	172.38°	30.43	40.59	51.934	-22.925	-2.331	47	0	6	47	20
RAL 6034	Pastel turquoise	#7FB0B2	162.51	124	173	172	178.78°	23	58.24	67.128	-16.7	-5.213	28	0	1	32	37
RAL 6035	Pearl green	#1B542C	61.71	19	77	36	137.59°	60.42	18.82	28.366	-27.124	18.409	75	0	53	70	—
RAL 6036	Pearl opal green	#005D4C	69.84	7	88	75	170.37°	85.26	18.63	32.729	-25.854	0.881	92	0	15	65	—
RAL 6037	Pure green	#25E712	102.94	0	140	39	136.71°	100	27.45	50.209	-53.031	41.386	100	0	72	45	19
RAL 6038	Luminous green	#00F700	131.47	0	182	18	125.93°	100	35.69	62.308	-84.293	57.548	100	0	90	29	31
RAL 7000	Squirrel grey	#7E8B92	133.67	123	136	142	198.95°	7.76	51.96	55.673	-3.552	-4.905	13	4	0	44	24
RAL 7001	Silver grey	#8F999F	148.8	142	150	157	208°	7.11	58.63	61.648	-2.346	-4.456	10	4	0	38	30
RAL 7002	Olive grey	#817F68	119.97	127	120	99	45°	12.39	44.31	50.775	-0.044	12.64	0	6	22	50	19
RAL 7003	Moss grey	#7A7B6D	118.2	120	119	105	56°	6.67	44.12	49.694	-1.244	7.793	0	1	13	53	18
RAL 7004	Signal grey	#9EA0A1	155	155	155	155	0.61°	0	60.78	63.832	0.185	-0.439	0	0	0	39	33
RAL 7005	Mouse grey	#6B716F	109.15	107	110	107	120°	1.38	42.55	46.213	-1.581	1.174	3	0	3	57	15
RAL 7006	Beige grey	#756F61	107.47	117	106	94	31.30°	10.9	41.37	45.607	2.498	8.713	0	9	20	54	15
RAL 7008	Khaki grey	#746643	96.51	114	95	60	38.89°	31.03	34.12	41.485	4.118	22.658	0	17	47	55	12
RAL 7009	Green grey	#5B6259	94.57	92	96	88	90°	4.35	36.08	40.2	-2.864	4.187	4	0	8	62	11
RAL 7010	Tarpaulin grey	#575D57	90.72	88	92	86	100°	3.37	34.9	38.442	-2.331	2.593	4	0	7	64	10
RAL 7011	Iron grey	#555D61	88.01	83	89	93	204°	5.68	34.51	37.44	-2.068	-3.02	11	4	0	64	10
RAL 7012	Basalt grey	#596163	92.01	88	93	94	190°	3.3	35.69	39.159	-2.027	-1.452	6	1	0	63	11
RAL 7013	Brown grey	#555548	80.41	86	80	68	40°	11.69	30.2	34.343	0.836	8.009	0	7	21	66	8
RAL 7015	Slate grey	#51565C	82.8	80	83	89	220°	5.33	33.14	35.155	-0.229	-3.737	10	7	0	65	9
RAL 7016	Anthracite grey	#373F43	61.01	56	62	66	204°	8.2	23.92	25.926	-1.853	-3.407	15	6	0	74	5
RAL 7021	Black grey	#2E3234	49.72	48	50	52	210°	4	19.61	20.639	-0.806	-1.325	8	4	0	80	3
RAL 7022	Umbr grey	#4B4D46	73.99	76	74	68	45°	5.56	28.24	31.372	-0.001	3.652	0	3	11	70	7
RAL 7023	Concrete grey	#818479	127.07	127	128	118	66°	4.07	48.24	53.265	-1.634	5.038	1	0	8	50	21
RAL 7024	Graphite grey	#474A50	72.8	70	73	79	220°	6.04	29.22	30.964	-0.314	-3.685	11	8	0	69	7
RAL 7026	Granite grey	#374447	64.81	56	67	69	189.23°	10.4	24.51	27.434	-4.013	-3.107	19	3	0	73	5
RAL 7030	Stone grey	#939388	141.99	145	142	133	45°	5.17	54.51	59.041	-0.114	5.3	0	2	8	43	27
RAL 7031	Blue grey	#5D6970	102.02	93	104	109	198.75°	7.92	39.61	43.16	-3.593	-4.523	15	5	0	57	13
RAL 7032	Pebble grey	#B9B9A8	175.77	180	176	161	47.37°	11.24	66.86	71.941	-0.909	8.469	0	2	11	29	44
RAL 7033	Cement grey	#818979	128.14	126	130	116	77.14°	5.69	48.24	53.842	-3.737	7.189	3	0	11	49	22
RAL 7034	Yellow grey	#939176	135.9	144	136	111	0.13°	12.94	50	56.857	0.031	14.835	0	6	23	44	25
RAL 7035	Light grey	#CBD0CC	198.36	197	199	196	100°	2.61	77.45	80.047	-1.207	1.387	1	0	2	22	57
RAL 7036	Platinum grey	#9A9697	147.78	151	147	146	12°	2.35	58.24	61.233	1.346	1.022	0	3	3	41	30
RAL 7037	Dusty grey	#7C7F7E	122.72	122	123	122	120°	0.41	48.04	51.431	-0.642	0.533	1	0	1	52	20
RAL 7038	Agate grey	#B4B8B0	176	175	177	169	75°	4.88	67.84	71.73	-1.62	3.82	1	0	5	31	43
RAL 7039	Quartz grey	#6B695F	102.27	106	102	94	40°	6	39.22	43.496	0.373	5.56	0	4	11	58	13
RAL 7040	Window grey	#9DA3A6	156.94	152	158	161	200°	4.57	61.37	64.7	-1.517	-2.498	6	2	0	37	34
RAL 7042	Traffic grey A	#8F9695	145.08	142	146	145	165°	1.8	56.47	60.149	-1.676	0.035	3	0	1	43	28
RAL 7043	Traffic grey B	#4E5451	81.22	79	82	80	140°	1.86	31.57	34.565	-1.532	0.596	4	0	2	68	8
RAL 7044	Silk grey	#BDBDB2	178.84	182	179	168	47.14°	8.75	68.63	72.904	-0.082	5.939	0	2	8	29	45
RAL 7045	Telegrey 1	#91969A	145.37	142	146	149	205.71°	3.2	57.06	60.348	-1.428	-1.836	5	2	0	42	29
RAL 7046	Telegrey 2	#82898E	132.8	127	134	138	201.82°	4.49	51.96	55.438	-1.833	-3.188	8	3	0	46	23
RAL 7047	Telegrey 4	#CFD0CF	199.93	200	200	199	0.17°	0.9	78.24	80.668	-0.266	0.82	0	0	0	22	58

RAL 7048	Pearl mouse grey	#888175	123.49	128	123	115	36.92°	5.35	47.65	51.991	0.679	5.105	0	4	10	50	—
RAL 8000	Green brown	#887142	108.78	134	106	62	36.67°	36.73	38.43	46.778	7.583	28.693	0	21	54	47	16
RAL 8001	Ochre brown	#9C6B30	106.44	153	99	43	30.55°	56.12	38.43	47.08	18.952	39.867	0	35	72	40	16
RAL 8002	Signal brown	#7B5141	84.85	119	77	62	15.79°	31.49	35.49	37.391	16.881	16.707	0	35	48	53	10
RAL 8003	Clay brown	#80542F	82.82	124	75	39	25.41°	52.15	31.96	37.148	18.589	30.287	0	40	69	51	10
RAL 8004	Copper brown	#8F4E35	85.09	138	73	49	16.18°	47.59	36.67	38.964	26.631	27.038	0	47	64	46	11
RAL 8007	Fawn brown	#6F4A2F	76.34	109	70	43	24.55°	43.42	29.8	33.824	15.336	23.6	0	36	61	57	8
RAL 8008	Olive brown	#6F4F28	79.19	111	74	37	30°	50	29.02	35.151	13.225	28.492	0	33	67	56	9
RAL 8011	Nut brown	#5A3A29	61.58	88	56	39	20.82°	38.58	24.9	27.125	13.264	17.081	0	36	56	65	5
RAL 8012	Red brown	#673831	60.84	100	51	43	8.42°	39.86	28.04	27.74	22.005	15.201	0	49	57	61	5
RAL 8014	Sepia brown	#49392D	55.96	72	53	38	26.47°	30.91	21.57	24.029	7.289	12.866	0	26	47	72	4
RAL 8015	Chestnut brown	#633A34	56.2	93	47	39	8.89°	40.91	25.88	25.491	20.675	15.127	0	49	58	64	5
RAL 8016	Mahogany brown	#4C2F26	49.01	75	43	32	15.35°	40.19	20.98	21.4	14.371	13.84	0	43	57	71	3
RAL 8017	Chocolate brown	#44322D	50.82	67	47	41	13.85°	24.07	21.18	21.544	8.972	7.368	0	30	39	74	3
RAL 8019	Grey brown	#3F3A3A	55.42	61	54	53	7.50°	7.02	22.35	23.321	2.993	1.467	0	11	13	76	4
RAL 8022	Black brown	#211F20	23.78	26	23	25	320°	6.12	9.61	8.139	1.932	-0.585	0	12	4	90	1
RAL 8023	Orange brown	#A65E2F	99.2	160	87	41	23.19°	59.2	39.41	45.42	28.236	39.65	0	46	74	37	15
RAL 8024	Beige brown	#79553C	86.35	118	80	56	23.23°	35.63	34.12	38.036	14.136	20.822	0	32	53	54	10
RAL 8025	Pale brown	#755C49	92.51	115	88	71	23.18°	23.66	36.47	39.85	9.63	14.49	0	23	38	55	11
RAL 8028	Terra brown	#4E3B2B	61.31	79	58	42	25.95°	30.58	23.73	26.58	7.884	13.812	0	27	47	69	5
RAL 8029	Pearl copper	#773C27	75.89	125	64	49	11.84°	43.68	34.12	34.763	26.058	21.392	0	49	61	51	—
RAL 9001	Cream	#EFEBDC	225.19	233	224	210	42.86°	30.43	86.47	89.616	0.594	8.06	0	3	9	9	75
RAL 9002	Grey white	#DDDED4	212.49	215	213	203	54.55°	11.83	81.76	85.07	-1.04	5.18	0	0	5	16	66
RAL 9003	Signal white	#F4F8F4	235.64	236	236	231	0.17°	11.63	91.57	93.223	-0.644	2.45	0	0	2	7	83
RAL 9004	Signal black	#2E3032	43.07	43	43	44	240°	1.15	17.06	17.464	0.429	-0.837	2	2	0	83	2
RAL 9005	Jet black	#0A0A0D	14.14	14	14	16	240°	6.67	5.88	4.041	0.091	-0.873	12	12	0	94	0
RAL 9006	White aluminium	#A5A8A6	160.93	161	161	160	0.17°	0.53	62.94	66.321	-0.347	0.545	0	0	1	37	—
RAL 9007	Grey aluminium	#8F8F8C	132.92	135	133	129	48°	2.02	51.57	55.547	-0.061	2.142	0	1	4	47	—
RAL 9010	Pure white	#F7F9EF	236.77	241	236	225	48°	33.33	91.18	93.613	-0.425	6.008	0	1	6	6	84
RAL 9011	Graphite black	#292C2F	40.72	39	41	43	210°	4.88	16.08	16.572	-0.383	-1.735	9	5	0	83	2
RAL 9012	Clean room white																
RAL 9016	Traffic white	#F7FBF5	240.28	241	240	234	68.57°	20	93.14	94.843	-0.921	3.28	0	0	3	5	87
RAL 9017	Traffic black	#2A2D2F	41.28	42	41	42	0.83°	1.2	16.27	16.521	0.709	-0.582	0	2	0	84	2
RAL 9018	Papyrus white	#CFD3CD	201.64	200	203	196	94.29°	6.31	78.24	81.343	-2.293	2.956	2	0	3	20	59
RAL 9022	Pearl light grey	#9C9C9C	132.86	133	133	131	0.17°	0.81	51.76	55.474	-0.381	1.165	0	0	2	48	—
RAL 9023	Pearl dark grey	#7E8182	122.57	121	123	122	0.50°	0.82	47.84	51.274	-0.7	-0.279	2	0	0	52	—