

# MACal 8900 Pro™ Gloss colour definition



**Lemon Yellow**  
**MACal 8909-12 PRO**  
 RGB: 255/227/0  
 CMYK: 0/1,3/90,4/0  
 LAB: 90,87/-4,19/87,76  
 RAL: 1016 / PMS: 3945 C



**Light Yellow**  
**MACal 8909-30 PRO**  
 RGB: 253,2/208,2/0  
 CMYK: 0,2/11,1/90,3/0,3  
 LAB: 85,87/2,93/84,13  
 RAL: 1018 / PMS: 115 C



**Medium Yellow**  
**MACal 8905-24 PRO**  
 RGB: 255/193,6/0  
 CMYK: 0/23,6/92,9/0  
 LAB: 83,07/13,06/87,74  
 RAL: 1023 / PMS: NA



**Sunflower Yellow**  
**MACal 8903-23 PRO**  
 RGB: 255/170,9/0  
 CMYK: 0/36,9/94,2/0  
 LAB: 77,61/23,77/84,92  
 RAL: 1028 / PMS: 1235 C



**Orange**  
**MACal 8901-22 PRO**  
 RGB: 246,3/103,3/0  
 CMYK: 0/67,2/92,9/0  
 LAB: 62,16/51,43/69,57  
 RAL: 2008 / PMS: 158 C



**Blood Red**  
**MACal 8959-39 PRO**  
 RGB: 199,2/5,5/16  
 CMYK: 2,8/98,2/93,9/7,9  
 LAB: 42,76/65,18/47,72  
 RAL: 3020 / PMS: NA



**Passion Red**  
**MACal 8959-40 PRO**  
 RGB: 183,7/0/2,8  
 CMYK: 5,3/98,4/93,7/14,7  
 LAB: 36,87/68,11/49,46  
 RAL: NA / PMS: NA



**Medium Red**  
**MACal 8959-36 PRO**  
 RGB: 179,4/0/3,6  
 CMYK: 6,1/97,4/92,9/16,7  
 LAB: 36,45/65,53/48,06  
 RAL: 3002 / PMS: NA



**Dark Red**  
**MACal 8959-33 PRO**  
 RGB: 169,3/0/0,7  
 CMYK: 7,7/96,2/92/20,6  
 LAB: 33,78/64,03/47,29  
 RAL: 3001 / PMS: NA



**Burgundy**  
**MACal 8959-12 PRO**  
 RGB: 114,4/0/17  
 CMYK: 20,7/96,6/74,4/44,8  
 LAB: 22,97/44,13/23,88  
 RAL: 3004 / PMS: NA



**Cyclamen**  
**MACal 8959-04 PRO**  
 RGB: 212,6/31,5/88,7  
 CMYK: 1,3/97,9/27,7/3,8  
 LAB: 47,44/66,96/7,99  
 RAL: NA / PMS: 214 C



**Apple Green**  
**MACal 8949-35 PRO**  
 RGB: 104,1/171,5/41,1  
 CMYK: 66,5/0,3/91,1/1,8  
 LAB: 64,09/-39,35/47,27  
 RAL: NA / PMS: 360 C



**Spring Green**  
**MACal 8949-31 PRO**  
 RGB: 31,2/154,5/4,8  
 CMYK: 81/0,5/98,5/3,4  
 LAB: 55,95/-53/48,78  
 RAL: 6018 / PMS: NA



**Medium Green**  
**MACal 8949-34 PRO**  
 RGB: 0/139,1/68,1  
 CMYK: 99,1/1,2/82,4/6,6  
 LAB: 48,92/-63,53/17,27  
 RAL: 6024 / PMS: 340 C



**Bottle Green**  
**MACal 8949-05 PRO**  
 RGB: 0/114,6/55,5  
 CMYK: 99,7/4,3/79,7/22,5  
 LAB: 39,7/-61,87/13,79  
 RAL: 6029 / PMS: 7727 C



**Dark Green**  
**MACal 8949-30 PRO**  
 RGB: 0/74,7/40,7  
 CMYK: 99,5/13,5/70,2/45,1  
 LAB: 25,31/-47,61/5,53  
 RAL: 6005 / PMS: 3308 C



**Turquoise**  
**MACal 8939-07 PRO**  
 RGB: 0/137,6/137,4  
 CMYK: 96/5,8/29,7/14,8  
 LAB: 50,31/-41,07/-23,3  
 RAL: NA / PMS: 7712 C



**Sky Blue**  
**MACal 8939-04 PRO**  
 RGB: 0/139,8/184,4  
 CMYK: 94,8/20,7/0/1,6  
 LAB: 53,1/-24,84/-48,65  
 RAL: NA / PMS: NA



**Ocean Blue**  
**MACal 8939-06 PRO**  
 RGB: 0/110,6/161,3  
 CMYK: 99/41/0/3,2  
 LAB: 43,13/-15,52/-49,39  
 RAL: 5015 / PMS: NA



**Medium Blue**  
**MACal 8939-00 PRO**  
 RGB: 28,6/70,2/133,4  
 CMYK: 99,2/67,9/0/5,2  
 LAB: 29,68/3,18/-52  
 RAL: NA / PMS: 7687 C



**Royal Blue**  
**MACal 8939-13 PRO**  
 RGB: 39,1/37,4/108,5  
 CMYK: 99,9/83/0/13,2  
 LAB: 18,89/18,65/-51,99  
 RAL: 5002 / PMS: NA



**Highway Blue**  
**MACal 8939-02 PRO**  
 RGB: 38,7/55,4/98,9  
 CMYK: 99,3/72,1/2,2/33  
 LAB: 23,61/3,67/37,72  
 RAL: NA / PMS: NA



**Black**  
**MACal 8989-00 PRO**  
 RGB: 5,5/6,3/6,4  
 CMYK: 99/74,1/41,6/87,9  
 LAB: 1,67/-0,27/-1,04  
 RAL: 9005 / PMS: Black 6 C



**Dark Grey**  
**MACal 8989-18 PRO**  
 RGB: 89,2/88,6/77,9  
 CMYK: 76,4/58,4/53,2/19,3  
 LAB: 37,59/-2,4/-2  
 RAL: 7012 / PMS: NA



**Mouse Grey**  
**MACal 8989-04 PRO**  
 RGB: 129,5/129,3/117,9  
 CMYK: 56,3/40,8/37,6/6,2  
 LAB: 53,87/-2,96/-4,8  
 RAL: 7000 / PMS: NA



**White**  
**8929 PRO contrast**  
 RGB: 252,8/237/211,6  
 CMYK: 0,1/0,1/2,1/0  
 LAB: 94,62/0,08/-2,62  
 RAL: 9003 / PMS: NA




















































**Gold**  
**MACal 8979-00 PRO**  
 RGB: 144/119/62,3  
 CMYK: 36,6/38,7/69,5/24,1  
 LAB: 51,7/3/26,83  
 RAL: NA / PMS: NA



**Silver**  
**MACal 8969-00 PRO**  
 RGB: 135,2/128,4/113,1  
 CMYK: 53,4/42,2/40,5/6,5  
 LAB: 54,01/-0,84/-1,52  
 RAL: NA / PMS: NA

# MACal 8900 Pro™ Matt colour definition

					
<b>Lemon Yellow</b> MACal 8908-12 PRO RGB: 255/228,61/0 CMYK: 1,83/0,32/86,26/0 LAB: 90,85/-5,92/83,42 RAL: 1016 / PMS: 107 C	<b>Light Yellow</b> MACal 8908-25 PRO RGB: 244/206/0 CMYK: 0,9/9,4/85/0,8 LAB: 84,47/0,57/75,65 RAL: 1018 / PMS: 115 C	<b>Yellow</b> MACal 8908-27 PRO RGB: 255/194,7/0 CMYK: 0/22,7/92,1/0 LAB: 83,18/12/85,64 RAL: 1021 / PMS: 7408 C	<b>Buttercup</b> MACal 8908-26 PRO RGB: 255/184,2/0 CMYK: 0/30,3/91,2/0 LAB: 81,11/18,62/84,8 RAL: NA / PMS: NA	<b>Sunflower Yellow</b> MACal 8904-23 PRO RGB: 255/171,7/0 CMYK: 0/37,2/91,1/0 LAB: 78/24,05/82,25 RAL: NA / PMS: NA	<b>Light Orange</b> MACal 8908-28 PRO RGB: 255/154,9/0 CMYK: 0/44,4/94,9/0 LAB: 73,74/30,69/83,67 RAL: 1033 / PMS: 1375 C
					
<b>Orange</b> MACal 8902-22 PRO RGB: 247,8/106,2/0 CMYK: 0/66,5/89,6/0 LAB: 62,94/50,8/66,36 RAL: 2008 / PMS: NA	<b>Dark Orange</b> MACal 8908-29 PRO RGB: 236,3/66,9/14,9 CMYK: 0,1/84,3/94,4/0,3 LAB: 55,04/62,43/58,03 RAL: 2004 / PMS: NA	<b>Flame Red</b> MACal 8958-35 PRO RGB: 223,1/48,2/29,9 CMYK: 0,4/94,1/91,3/1,1 LAB: 50,46/64,31/48,3 RAL: 2002 / PMS: 458 C	<b>Red</b> MACal 8958-37 PRO RGB: 216,5/21,6/25,8 CMYK: 0,1/99,8/92,8/0,2 LAB: 49,14/67,92/47,62 RAL: 3028 / PMS: NA	<b>Blood Red</b> MACal 8958-34 PRO RGB: 198,7/30,3/35 CMYK: 3,7/97,7/82,4/9,3 LAB: 43,99/61,9/38,38 RAL: 3020 / PMS: NA	<b>Currant Red</b> MACal 8958-36 PRO RGB: 183,2/0/27,4 CMYK: 5,9/99/82,5/16,2 LAB: 38,9/62,49/37,42 RAL: 3000 / PMS: NA
					
<b>Medium Red</b> MACal 8958-33 PRO RGB: 173/0/25,1 CMYK: 7,6/98,7/81,6/20,4 LAB: 36,33/60,68/35,74 RAL: 3001 / PMS: 207 C	<b>Carmine Red</b> MACal 8958-38 PRO RGB: 168,3/17,1/35,5 CMYK: 8,8/99/74,3/23,3 LAB: 36,61/56,13/28,8 RAL: 3001 / PMS: 187 C	<b>Burgundy</b> MACal 8958-12 PRO RGB: 122,67/30,04/33,98 CMYK: 21,56/96,19/66,7/43,79 LAB: 27,88/39,22/17,43 RAL: 3004 / PMS: 7421 C	<b>Cyclamen</b> MACal 8958-04 PRO RGB: 215,93/45,21/94,29 CMYK: 1,58/93,92/25,51/2,69 LAB: 49,31/64,99/6,78 RAL: 4010 / PMS: NA	<b>Green-yellow</b> MACal 8948-09 PRO RGB: 217,67/223,88/67,1 CMYK: 21,7/0/71,04/0 LAB: 86,64/-17,67/60,87 RAL: NA / PMS: 380 C	<b>Lime</b> MACal 8948-10 PRO RGB: 124,41/206,09/35,66 CMYK: 58,42/0/82,34/0 LAB: 75,4/-46,24/58,84 RAL: NA / PMS: 7488 C
					
<b>Spring Green</b> MACal 8948-31 PRO RGB: 35,4/159,6/27,4 CMYK: 82,3/0,2/97,4/1,2 LAB: 57,8/-53,27/45,39 RAL: 6018 / PMS: 7739 C	<b>Green</b> MACal 8948-29 PRO RGB: 0/142,3/52,4 CMYK: 90,2/2,6/91,3/10,6 LAB: 51,31/-52,91/28,93 RAL: NA / PMS: NA	<b>Medium Green</b> MACal 8948-28 PRO RGB: 0/122,6/58,9 CMYK: 98,7/4,3/84,1/20,6 LAB: 43,49/-55,81/16,31 RAL: 6024 / PMS: NA	<b>Dark Green</b> MACal 8948-30 PRO RGB: 0/83/50,2 CMYK: 99,5/14,9/73,4/47,9 LAB: 29,7/-37,62/4,96 RAL: 6005 / PMS: NA	<b>Bahamas Blue</b> MACal 8938-15 PRO RGB: 0/93,84/97,78 CMYK: 97,73/19,08/27,99/41,81 LAB: 35,03/-27,16/-19,69 RAL: NA / PMS: NA	<b>Turquoise Blue</b> MACal 8938-07 PRO RGB: 0/144,65/142,86 CMYK: 92,32/5,55/28,94/11,17 LAB: 53,23/-39,36/-22,44 RAL: 5018 / PMS: 7711 C
					
<b>Turquoise Green</b> MACal 8948-13 PRO RGB: 0/151,56/132,38 CMYK: 92,71/2,12/41,09/5,64 LAB: 55,04/-46,15/-13,31 RAL: NA / PMS: NA	<b>Mint</b> MACal 8948-14 PRO RGB: 113,92/211,27/164,92 CMYK: 59,83/0,02/37,02/0 LAB: 77,79/-39,84/-0,64 RAL: NA / PMS: 570 C	<b>Light Blue</b> MACal 8938-16 PRO RGB: 98,4/170,39/188,85 CMYK: 67,56/7,03/4,48/0,98 LAB: 65,58/-21,33/-32,24 RAL: NA / PMS: 298 C	<b>Sky Blue</b> MACal 8938-04 PRO RGB: 0/143,9/184,73 CMYK: 91,21/17,76/0,48/2,68 LAB: 54,79/-24,41/-46,25 RAL: NA / PMS: 7689 C	<b>Medium Blue</b> MACal 8938-00 PRO RGB: 24/108,18/167,07 CMYK: 95,19/47,75/0/0,86 LAB: 43,27/-8,91/-52,83 RAL: NA / PMS: NA	<b>Intense Blue</b> MACal 8938-01 PRO RGB: 40,81/78,83/140,05 CMYK: 98,29/65,38/0/3,02 LAB: 33,26/2,04/-50,79 RAL: NA / PMS: 7686 C
					
<b>Cosmic Blue</b> MACal 8938-18 PRO RGB: 51,54/69,93/155,02 CMYK: 95,27/66,97/0/0 LAB: 32,08/14,38/-62,6 RAL: NA / PMS: NA	<b>Electric Blue</b> MACal 8938-14 PRO RGB: 68,56/56,92/162,16 CMYK: 95,49/69,37/0/0 LAB: 30,47/28,01/-69,84 RAL: NA / PMS: 2126 C	<b>Violet</b> MACal 8938-19 PRO RGB: 108,11/63,98/126,89 CMYK: 79,36/84,75/1,6/3,69 LAB: 34,6/27,23/-39,31 RAL: NA / PMS: NA	<b>Royal Blue</b> MACal 8938-13 PRO RGB: 51,17/53,15/114,02 CMYK: 99,91/84,45/0/10,69 LAB: 24,72/12,96/-46,48 RAL: 5002 / PMS: NA	<b>Methylene Blue</b> MACal 8938-20 PRO RGB: 44,3/62,02/124,93 CMYK: 99,54/76,34/0/6,67 LAB: 27,47/8,68/-49,71 RAL: 5002 / PMS: NA	<b>Highway Blue</b> MACal 8938-02 PRO RGB: 50,42/63,6/103,3 CMYK: 96,74/70,11/5,04/29,21 LAB: 27,24/3,01/-35,03 RAL: NA / PMS: 654 C
					
<b>Cobalt Blue</b> MACal 8938-17 PRO RGB: 38,09/37,82/54,87 CMYK: 98,76/74,61/13,03/64,71 LAB: 15,71/3,03/-17,45 RAL: 5011 / PMS: 282 C	<b>Black</b> MACal 8988-00 PRO RGB: 36,44/34,3/29,66 CMYK: 98,04/74,01/44,72/84,59 LAB: 13,48/-0,3/-1,07 RAL: 9017 / PMS: Black 6 C	<b>Graphite</b> MACal 8988-16 PRO RGB: 95,8/93,9/81,9 CMYK: 72,7/56,1/52,1/16,8 LAB: 39,9/-2,07/-1,48 RAL: 7012 / PMS: 431 C	<b>Medium Grey</b> MACal 8988-15 PRO RGB: 158,5/149,7/128,3 CMYK: 43/32,5/34,8/4 LAB: 62,52/-0,94/0,68 RAL: 7004 / PMS: 422 C	<b>Concrete Grey</b> MACal 8988-11 PRO RGB: 173,61/167,44/155,71 CMYK: 36,3/24,7/20/2,14 LAB: 68,93/-0,98/-6,63 RAL: NA / PMS: NA	<b>Pearl Grey</b> MACal 8988-17 PRO RGB: 204,8/193,5/165,3 CMYK: 22/14,9/20/51,3 LAB: 78,93/-1,21/1,42 RAL: 7035 / PMS: Cool Gray 3 C
					
<b>White</b> 8928 PRO contrast RGB: 240,91/228,75/206,67 CMYK: 5,46/2,62/2,95/0,09 LAB: 91,4/-0,58/-4,41 RAL: 9003 / PMS: NA	<b>Antique White</b> MACal 8928-16 PRO RGB: 245,6/224,7/184,2 CMYK: 2,3/5/14,9/0,1 LAB: 90,76/0,71/7,02 RAL: 9001 / PMS: NA	<b>Ivory</b> MACal 8928-18 PRO RGB: 235/212,5/153,5 CMYK: 6,5/8,6/30,8/0,6 LAB: 86,29/-0,19/18,29 RAL: NA / PMS: NA	<b>Beige</b> MACal 8928-17 PRO RGB: 242,3/205,9/143,4 CMYK: 4,1/15,4/35/0,4 LAB: 85,17/5,07/22,71 RAL: 1015 / PMS: 7506 C	<b>Chocolate Brown</b> MACal 8982-11 PRO RGB: 95,4/65,2/41,8 CMYK: 47,9/63,9/73,1/45,6 LAB: 30,8/10,34/13,81 RAL: NA / PMS: NA	<b>Gold</b> MACal 8978-00 PRO RGB: 162,96/136,9/75,21 CMYK: 33,19/35,19/63,59/15,25 LAB: 58,49/2,85/27,68 RAL: NA / PMS: NA
					
<b>Silver</b> MACal 8968-00 PRO RGB: 163,94/155,66/136,7 CMYK: 40,79/30,0/30,52/3,16 LAB: 64,55/-0,95/-1,28 RAL: 9006 / PMS: NA					

Mactac® has made every effort to match the colours in our MACal 8900 Pro portfolio as close as possible to the Pantone and RAL colour code equivalents. The table is designed to help you get a better idea of colour similarities but we cannot guarantee an exact colour match. Colour cards and/or samples are available upon request.

