

MACal 8200 Pro™ Gloss colour definition



Sulfur Yellow
MACal 8209-00 PRO
 RGB: 246,1/226,6/0,6
 CMYK: 6,1/0,4/83/0
 LAB: 89,92/-8,45/78,26
 RAL: 1016 / PMS: 394 C



Crocus Yellow
MACal 8209-01 PRO
 RGB: 255/206,2/0
 CMYK: 0/14,7/98/0
 LAB: 85,97/6,16/96,62
 RAL: 1018 / PMS: 108 C



Traffic Yellow
MACal 8209-02 PRO
 RGB: 255/200,8/0
 CMYK: 0/21,4/88,2/0
 LAB: 85,18/11,07/86,02
 RAL: 1023 / PMS: 123 C



Melon
MACal 8209-03 PRO
 RGB: 255/164,2/0
 CMYK: 0/41/89,5/0
 LAB: 76,2/27,4/79,33
 RAL: NA / PMS: 7409 C



Shinning Orange
MACal 8209-04 PRO
 RGB: 255/102,8/0
 CMYK: 0/68,4/94,5/0
 LAB: 64,42/56,53/81,67
 RAL: 2008 / PMS: 158 C



Mandarine
MACal 8209-05 PRO
 RGB: 245,7/80,3/1,8
 CMYK: 0/79,4/94,7/0
 LAB: 58,49/60,63/63,49
 RAL: 2004 / PMS: 1655 C



Vivid Red
MACal 8259-00 PRO
 RGB: 220,6/26,5/0
 CMYK: 0/90,8/100/0
 LAB: 48,15/67,99/61,63
 RAL: NA / PMS: 485 C



Traffic Red
MACal 8259-01 PRO
 RGB: 195,2/20,4/8,5
 CMYK: 3,5/95,6/96,5/9,8
 LAB: 42,49/62,41/49,85
 RAL: 3020 / PMS: 485 C



Shinning Red
MACal 8259-02 PRO
 RGB: 207,9/0/25,8
 CMYK: 1,6/99,8/85,7/4,7
 LAB: 43,77/70/44,59
 RAL: NA / PMS: 1795 C



Carmine Red
MACal 8259-03 PRO
 RGB: 190,9/0/18,4
 CMYK: 4,2/99,3/87,9/12
 LAB: 39,53/67,14/43,94
 RAL: NA / PMS: 1795 C



Signal Red
MACal 8259-04 PRO
 RGB: 154/10,9/18,1
 CMYK: 11,3/96,6/86,4/28,7
 LAB: 32,98/52,92/35,18
 RAL: 3002 / PMS: 7621 C



Purple Red
MACal 8259-05 PRO
 RGB: 109,3/19,5/25,8
 CMYK: 23,5/96,7/68,7/49,1
 LAB: 23,66/38,19/17,63
 RAL: 3004 / PMS: 1815 C



Telemagenta
MACal 8259-06 PRO
 RGB: 217,5/41,2/99,9
 CMYK: 0,6/94,5/18,9/1,9
 LAB: 49,55/66,65/3,16
 RAL: 4010 / PMS: 213 C



Purple Blue
MACal 8239-09 PRO
 RGB: 67,9/41,9/104,1
 CMYK: 96,4/98,4/0,3/11
 LAB: 23/22,5/-42,22
 RAL: NA / PMS: NA



Brilliant Blue
MACal 8239-10 PRO
 RGB: 52,2/58/146,5
 CMYK: 95/69,1/0/0
 LAB: 28,37/19,54/-63,02
 RAL: NA / PMS: NA



Steel Blue
MACal 8239-00 PRO
 RGB: 29,4/27/55,8
 CMYK: 99,9/80,4/6,9/58,4
 LAB: 11,35/14/25,03
 RAL: NA / PMS: NA



Sapphire Blue
MACal 8239-01 PRO
 RGB: 15,7/33,7/64,1
 CMYK: 99,9/66,8/6,1/56,4
 LAB: 12,99/1,25/-28,96
 RAL: 5003 / PMS: 648 C



Cobalt Blue
MACal 8239-02 PRO
 RGB: 38,1/46/82,5
 CMYK: 99,8/76,9/2,3/44,7
 LAB: 19,76/4,87/-32,07
 RAL: NA / PMS: NA



Ultramarine Blue
MACal 8239-03 PRO
 RGB: 32,4/35,3/94,2
 CMYK: 99,8/81,2/0,3/27,4
 LAB: 16,73/14,09/-45,36
 RAL: 5002 / PMS: 2758 C



Gentian Blue
MACal 8239-04 PRO
 RGB: 0/66,7/114,1
 CMYK: 99,7/58,1/0,9/26,8
 LAB: 26,8/-4,82/-43,63
 RAL: 5010 / PMS: NA



Heaven Blue
MACal 8239-05 PRO
 RGB: 0/100,1/157
 CMYK: 98,2/47,6/0/3,7
 LAB: 39,7/-11,11/-52,23
 RAL: NA / PMS: NA



Light Blue
MACal 8239-06 PRO
 RGB: 0/137,8/175,6
 CMYK: 92,3/19,4/2,7/5,6
 LAB: 52,73/-24,19/-43,98
 RAL: NA / PMS: NA



Dark Green
MACal 8249-00 PRO
 RGB: 0/70,2/38,5
 CMYK: 99,5/16,8/74,4/51,6
 LAB: 24,24/-38,95/5,82
 RAL: NA / PMS: NA



Forest Green
MACal 8249-01 PRO
 RGB: 0/86,1/49,1
 CMYK: 99,4/13,8/75,8/45,2
 LAB: 32,77/-38,34/7,26
 RAL: NA / PMS: NA



Billiard Green
MACal 8249-02 PRO
 RGB: 0/119/69,6
 CMYK: 99,6/4,1/71,7/21,7
 LAB: 41,84/-57,79/7,71
 RAL: NA / PMS: NA



Light Green
MACal 8249-03 PRO
 RGB: 0/139,3/46
 CMYK: 95,8/1,3/95,4/7,7
 LAB: 49,42/-60,09/29,82
 RAL: NA / PMS: 347 C



Yellow-green
MACal 8249-04 PRO
 RGB: 51,4/154,9/0
 CMYK: 75,6/0,4/99,2/2,9
 LAB: 56,46/-50,27/55,95
 RAL: 6018 / PMS: 362 C



Lime
MACal 8249-05 PRO
 RGB: 127,9/202,3/42,5
 CMYK: 56,7/0/81,2/0
 LAB: 74,74/-43,39/56,24
 RAL: NA / PMS: NA



Sahara
MACal 8229-01 PRO
 RGB: 216,1/190,1/138,7
 CMYK: 15,3/18,3/35,3/1,8
 LAB: 78,65/2,21/16,67
 RAL: NA / PMS: NA



Nut Brown
MACal 8283-00 PRO
 RGB: 183,2/87,1/20
 CMYK: 8,3/68,9/92,2/18,9
 LAB: 49,02/35,66/47,36
 RAL: 8023 / PMS: 167 C



Terra Brown
MACal 8283-01 PRO
 RGB: 72,7/49,4/28,5
 CMYK: 47,6/65/75,2/64,4
 LAB: 23,1/8,06/12,92
 RAL: 8014 / PMS: 476 C



Black
MACal 8289-00 PRO
 RGB: 13,3/13,3/13,2
 CMYK: 99,3/73,8/40,8/87,2
 LAB: 3,76/-0,19/-2,03
 RAL: 9005 / PMS: Black 6 C



Traffic Grey B
MACal 8289-01 PRO
 RGB: 80,4/77,1/66,9
 CMYK: 79,2/63,4/56,7/27,3
 LAB: 33/-1,11/-0,94
 RAL: 7043 / PMS: 7540 C



Basalt Grey
MACal 8289-02 PRO
 RGB: 102,4/101,8/90,7
 CMYK: 69,6/52,6/48,4/13,2
 LAB: 43,09/-2,62/-2,82
 RAL: NA / PMS: 431 C



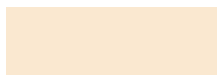
Telegrey
MACal 8289-03 PRO
 RGB: 126,8/127,3/117,1
 CMYK: 57,4/41,4/37,3/6,4
 LAB: 53,22/-3,03/-5,56
 RAL: NA / PMS: NA



Traffic Grey A
MACal 8289-04 PRO
 RGB: 149,1/144,4/123,2
 CMYK: 47,1/34/37,4/4,7
 LAB: 60,13/-2,51/0,42
 RAL: 7042 / PMS: NA



Agate Grey
MACal 8289-05 PRO
 RGB: 191,5/182,7/155,2
 CMYK: 28,1/18,4/24,6/1,8
 LAB: 74,8/-2,01/1,59
 RAL: 7038 / PMS: NA



White
MACal 8229-00 PRO
 RGB: 245,3/231,7/207,6
 CMYK: 3,2/1,7/2,7/0,1
 LAB: 92,88/-0,32/-3,36
 RAL: NA / PMS: NA



Silver
MACal 8269-01 PRO
 RGB: 142,2/135,5/118,8
 CMYK: 50,1/38,7/38/5,3
 LAB: 56,95/-1,06/-1,3
 RAL: NA / PMS: NA



Gold
MACal 8279-02 PRO
 RGB: 149,7/120,6/50,9
 CMYK: 28,6/36,1/76,4/27,8
 LAB: 52,66/4,41/34,07
 RAL: NA / PMS: 4505 C



Copper
MACal 8279-03 PRO
 RGB: 147,2/90,5/34
 CMYK: 21,1/56/84,1/33,1
 LAB: 44,42/19,12/35
 RAL: NA / PMS: NA



Clear
MACal 8299-00 PRO
 RGB: NA
 CMYK: NA
 LAB: NA
 RAL: NA / PMS: NA



MACal 8200 Pro™ Matt colour definition

					
Crocus Yellow MACal 8208-01 PRO RGB: 255/207,7/0 CMYK: 0,1/13,6/92,5/0,2 LAB: 86,2/5,02/88,64 RAL: NA / PMS: Yellow C	Traffic Yellow MACal 8208-02 PRO RGB: 255/198,8/0 CMYK: 0,1/20,5/84,7/0,2 LAB: 84,15/9,93/79,06 RAL: 1023 / PMS: 7404 C	Melon MACal 8208-03 PRO RGB: 255/168,8/1,3 CMYK: 0/39,1/81/0 LAB: 77,42/25,88/72,5 RAL: NA / PMS: 137 C	Shinning Orange MACal 8208-04 PRO RGB: 255/108,9/0 CMYK: 0/66,2/87,4/0 LAB: 65,09/53,36/70,19 RAL: NA / PMS: NA	Mandarine MACal 8208-05 PRO RGB: 243/86/33,8 CMYK: 0/77,1/83,7/0 LAB: 58,94/57,89/53,92 RAL: NA / PMS: Bright Red C	Vivid Red MACal 8258-00 PRO RGB: 221,7/46,9/21,3 CMYK: 0,3/93,6/96,4/1,3 LAB: 50,02/64,14/51,81 RAL: NA / PMS: 485 C
					
Traffic Red MACal 8258-01 PRO RGB: 196,8/46,4/34 CMYK: 4,7/94,7/86/10,9 LAB: 45,09/57,23/39,56 RAL: 3020 / PMS: 1795 C	Shinning Red MACal 8258-02 PRO RGB: 199,2/37,8/42,7 CMYK: 4,1/96,7/75,8/9,5 LAB: 44,76/60,46/34,39 RAL: NA / PMS: 186 C	Carmine Red MACal 8258-03 PRO RGB: 189,1/13,5/31,4 CMYK: 4,9/99,2/82,4/13,9 LAB: 40,93/62,03/37,14 RAL: 3002 / PMS: 1797 C	Signal Red MACal 8258-04 PRO RGB: 158,2/38/38,3 CMYK: 13/96,3/74,6/28,4 LAB: 36,4/48,14/25,87 RAL: 3001 / PMS: NA	Purple Red MACal 8258-05 PRO RGB: 114,9/46,4/44,6 CMYK: 32,8/90,3/59,3/44 LAB: 29,4/29,64/11,08 RAL: 3004 / PMS: 188 C	Telemagenta MACal 8258-06 PRO RGB: 214,8/56,4/103,8 CMYK: 2,9/89,5/18,1/3,2 LAB: 50,64/61,96/1,9 RAL: 4010 / PMS: NA
					
Deep Purple MACal 8258-07 PRO RGB: 117,2/58,8/100,2 CMYK: 57,6/85,8/8,9/20,2 LAB: 33,82/29,21/-22,21 RAL: NA / PMS: NA	Brilliant Blue MACal 8238-10 PRO RGB: 52,2/58/146,5 CMYK: 95/69,1/0/0 LAB: 28,37/19,54/-63,02 RAL: NA / PMS: NA	Steel Blue MACal 8238-00 PRO RGB: 45,5/41,5/59,1 CMYK: 96,7/79/14,7/60,4 LAB: 17,93/4,56/-17,34 RAL: NA / PMS: 2768 C	Sapphire Blue MACal 8238-01 PRO RGB: 45,7/52,1/71,9 CMYK: 97,4/70,1/16,9/51,4 LAB: 21,89/0,7/-20,97 RAL: 5003 / PMS: 648 C	Cobalt Blue MACal 8238-02 PRO RGB: 59,5/62,1/87,9 CMYK: 92,4/72,6/18,6/34,3 LAB: 26,98/3,21/-24,7 RAL: 5013 / PMS: NA	Ultramarine Blue MACal 8238-03 PRO RGB: 56,3/55,1/100,8 CMYK: 96,9/83/4,9/24,7 LAB: 25,13/9,64/-36,66 RAL: 5002 / PMS: NA
					
Gentian Blue MACal 8238-04 PRO RGB: 41,7/73/114,2 CMYK: 97,4/61,2/4,6/24,2 LAB: 30,31/-2,11/-38,07 RAL: 5010 / PMS: NA	Heaven Blue MACal 8238-05 PRO RGB: 23,9/104,6/154,9 CMYK: 97,5/46,2/0/4 LAB: 41,74/-10,73/-47,6 RAL: NA / PMS: NA	Light Blue MACal 8238-06 PRO RGB: 32,9/142,3/173,9 CMYK: 87,3/17/75,1/6,5 LAB: 54,65/-23,61/-39,95 RAL: NA / PMS: NA	Swimming Pool MACal 8238-07 PRO RGB: 160,4/190,3/197,1 CMYK: 43,6/8,4/3,8/0,3 LAB: 75,3/-11,16/-22,94 RAL: NA / PMS: NA	Petrol MACal 8248-08 PRO RGB: 0/145,9/137,3 CMYK: 95,6/3,1/35,1/9,3 LAB: 53,18/-45,03/-19,38 RAL: NA / PMS: NA	Dark Green MACal 8248-00 PRO RGB: 16,6/81,9/52,9 CMYK: 94,2/25/70,2/47,9 LAB: 30,43/-27,63/4,39 RAL: NA / PMS: NA
					
Forest Green MACal 8248-01 PRO RGB: 25,4/93,1/60,7 CMYK: 92/26,5/69/38,2 LAB: 34,86/-29,23/5 RAL: NA / PMS: 336 C	Billiard Green MACal 8248-02 PRO RGB: 0/126,5/77,6 CMYK: 97,5/5,7/70,4/19,4 LAB: 45,36/-51,61/7,38 RAL: NA / PMS: NA	Light Green MACal 8248-03 PRO RGB: 0/142,5/57,3 CMYK: 91,8/2,7/88,8/9,5 LAB: 51,39/-49,38/27,06 RAL: NA / PMS: NA	Yellow-green MACal 8248-04 PRO RGB: 67,2/157,5/17 CMYK: 76,8/0,5/98,3/2,9 LAB: 57,92/-46,36/48,58 RAL: 6018 / PMS: 7738 C	Lime MACal 8248-05 PRO RGB: 133,1/202,5/53,8 CMYK: 54,8/0/78/0 LAB: 75,13/-41,23/52,92 RAL: NA / PMS: NA	Sahara MACal 8228-01 PRO RGB: 218,7/192,4/141,4 CMYK: 14/17,5/34,1/1,5 LAB: 79,53/2,36/16,28 RAL: NA / PMS: NA
					
Terra Brown MACal 8282-01 PRO RGB: 86,7/63,4/44,4 CMYK: 56,8/64,6/69,4/46,4 LAB: 29,19/7,53/9,77 RAL: 8028 / PMS: 7589 C	Black MACal 8288-00 PRO RGB: 46,2/43,6/38,2 CMYK: 93,8/75,1/52,9/68,8 LAB: 18,05/-0,34/-1,29 RAL: 9005 / PMS: 7547 C	Traffic Grey B MACal 8288-01 PRO RGB: 90,7/86,6/75,2 CMYK: 74,4/59,3/54,2/20,7 LAB: 37,09/-1,01/-0,86 RAL: 7043 / PMS: NA	Basalt Grey MACal 8288-02 PRO RGB: 108,4/106,5/94,6 CMYK: 66,2/50,7/47,2/11,4 LAB: 45,11/-2,19/-2,51 RAL: 7012 / PMS: NA	Telegrey MACal 8288-03 PRO RGB: 131,8/131,1/120,4 CMYK: 55,1/40/35,9/5,7 LAB: 54,82/-2,64/-5,33 RAL: 7046 / PMS: NA	Traffic Grey A MACal 8288-04 PRO RGB: 153,9/147,8/125,8 CMYK: 45,1/32,6/36,3/4,3 LAB: 61,56/-2,12/0,85 RAL: 7042 / PMS: NA
					
Agate Grey MACal 8288-05 PRO RGB: 194,2/184,8/156,6 CMYK: 26,9/17,7/24,1/1,7 LAB: 75,6/-1,85/1,85 RAL: 7038 / PMS: NA	White MACal 8228-00 PRO RGB: 246,7/232,4/207,5 CMYK: 2,6/1,5/3/0,1 LAB: 93,17/-0,18/-2,88 RAL: 9003 / PMS: NA	Silver MACal 8268-01 PRO RGB: 158,1/150,2/131,3 CMYK: 43,3/32,3/32,9/3,7 LAB: 62,7/-1,02/0,96 RAL: 9006 / PMS: 422 C	Gold MACal 8278-02 PRO RGB: 142,1/97,3/50 CMYK: 31,7/52,9/74,8/28,5 LAB: 45,6/13,73/27,09 RAL: NA / PMS: NA	Copper MACal 8278-03 PRO RGB: 155,8/101,8/48,9 CMYK: 26,5/53,8/76,2/24,3 LAB: 48,51/17,27/31,37 RAL: NA / PMS: 7574 C	Clear MACal 8298-00 PRO RGB: NA CMYK: NA LAB: NA RAL: NA / PMS: NA

Mactac® has made every effort to match the colours in our MACal 8200 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.



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