



**Luminous Yellow**  
**MACal 9807-100 CAST SL**  
 RGB: 255/244/0  
 CMYK: 7/0/100/0  
 LAB: 90,84/-10,06/91,06



**Lemon Yellow**  
**MACal 9809-106 CAST**  
 RGB: 255/232/35  
 CMYK: 5/6/93/0  
 LAB: 89,12/-3,60/81,55



**Bright Yellow**  
**MACal 9807-143 CAST SL**  
 RGB: 255/214/13  
 CMYK: 0/14/97/0  
 LAB: 87,23/4,80/84,71



**Banana Yellow**  
**MACal 9809-146 CAST**  
 RGB: 255/204/3  
 CMYK: 0/20/99/0  
 LAB: 84,61/9,71/83,61



**Canari Yellow**  
**MACal 9809-164 CAST**  
 RGB: 255/193/23  
 CMYK: 0/28/97/0  
 LAB: 80,80/15,50/78,21



**Dark Yellow**  
**MACal 9809-145 CAST**  
 RGB: 255/187/9  
 CMYK: 0/30/97/0  
 LAB: 80,40/17,72/78,73



**Orange Yellow**  
**MACal 9809-147 CAST**  
 RGB: 255/177/16  
 CMYK: 0/36/97/0  
 LAB: x 77,73/22,84/75,88



**Mustard**  
**MACal 9809-165 CAST**  
 RGB: 229/172/40  
 CMYK: 14/36/99/0  
 LAB: 71,43/13,09/65,44



**Saffron**  
**MACal 9809-111 CAST**  
 RGB: 249/153/45  
 CMYK: 2/50/91/0  
 LAB: 69,84/31,30/62,34



**Light Orange**  
**MACal 9801-144 CAST**  
 RGB: 242/129/58  
 CMYK: 4/62/84/0  
 LAB: 64,50/40,20/51,17



**Orange**  
**MACal 9801-140 CAST**  
 RGB: 234/113/52  
 CMYK: 6/70/86/0  
 LAB: 60,57/44,79/49,08



**Luminous Orange**  
**MACal 9807-107 CAST SL**  
 RGB: 246/100/29  
 CMYK: 1/76/94/0  
 LAB: 60,00/53,80/57,56



**Fire Orange**  
**MACal 9807-163 CAST SL**  
 RGB: 237/98/50  
 CMYK: 4/77/84/0  
 LAB: 58,54/52,33/47,31



**Bright Orange**  
**MACal 9807-142 CAST SL**  
 RGB: 243/99/47  
 CMYK: 2/77/86/0  
 LAB: 59,63/53,87/50,26



**Red Orange**  
**MACal 9857-148 CAST SL**  
 RGB: 226/87/58  
 CMYK: 8/81/79/1  
 LAB: 55,33/53,49/39,75



**Poppy Red**  
**MACal 9857-110 CAST SL**  
 RGB: 218/76/56  
 CMYK: 11/85/79/1  
 LAB: 52,53/55,17/37,29



**Vivid Red**  
**MACal 9859-147 CAST**  
 RGB: 210/69/51  
 CMYK: 13/88/82/3  
 LAB: 50,13/55,49/36,57



**Tomato Red**  
**MACal 9859-146 CAST**  
 RGB: 193/68/51  
 CMYK: 18/87/80/6  
 LAB: 47,31/50,18/32,57



**Rose**  
**MACal 9859-164 CAST**  
 RGB: 172/65/56  
 CMYK: 23/85/75/13  
 LAB: 43,78/44,67/25,27



**Fire Brick**  
**MACal 9859-167 CAST**  
 RGB: 160/69/58  
 CMYK: 26/82/73/17  
 LAB: 42,48/38,76/22,47



**Wine Red**  
**MACal 9859-141 CAST**  
 RGB: 126/61/58  
 CMYK: 35/79/65/30  
 LAB: 35,82/29,41/12,71



**Luminous Red**  
**MACal 9857-100 CAST SL**  
 RGB: 214/55/41  
 CMYK: 11/94/88/2  
 LAB: 49,08/61,76/40,18



**Spicy Red**  
**MACal 9859-143 CAST**  
 RGB: 196/56/48  
 CMYK: 17/91/81/6  
 LAB: 46,12/55,42/32,54



**Vermeil Red**  
**MACal 9859-165 CAST**  
 RGB: 197/61/49  
 CMYK: 17/90/81/6  
 LAB: 46,99/54,02/33,22



**Red Currant**  
**MACal 9859-166 CAST**  
 RGB: 203/65/54  
 CMYK: 15/89/78/4  
 LAB: 48,51/54,57/32,85



**Regal Red**  
**MACal 9859-142 CAST**  
 RGB: 200/65/65  
 CMYK: 16/88/71/4  
 LAB: 48,18/54,19/26,81



**Medium Red**  
**MACal 9859-100 CAST**  
 RGB: 171/57/55  
 CMYK: 23/89/75/13  
 LAB: 42,37/47,59/24,08



**Dark Red**  
**MACal 9859-112 CAST**  
 RGB: 164/50/49  
 CMYK: 24/91/77/16  
 LAB: 40,20/47,94/23,97



**Ruby Red**  
**MACal 9859-163 CAST**  
 RGB: 136/57/56  
 CMYK: 32/84/68/26  
 LAB: 36,72/35,28/15,27



**Burgundy**  
**MACal 9859-105 CAST**  
 RGB: 107/61/64  
 CMYK: 43/75/58/35  
 LAB: 33,41/22,24/6,06



**Rioja Red**  
**MACal 9859-128 CAST**  
 RGB: 87/57/60  
 CMYK: 51/72/57/41  
 LAB: 29,96/15,58/2,84



**Cyclamen**  
**MACal 9859-109 CAST**  
 RGB: 185/70/110  
 CMYK: 25/87/35/2  
 LAB: 47,43/50,54/1,05



**Pink Violet**  
**MACal 9859-131 CAST**  
 RGB: 139/86/145  
 CMYK: 49/78/15/1  
 LAB: 45,16/31,67/-21,20



**Aubergine**  
**MACal 9839-138 CAST**  
 RGB: 80/65/91  
 CMYK: 66/75/41/27  
 LAB: 31,89/13,53/-12,05



**Violet**  
**MACal 9837-113 CAST SL**  
 RGB: 96/80/155  
 CMYK: 69/80/7/0  
 LAB: 39,63/23,50/-35,32



**Dark Violet**  
**MACal 9837-130 CAST SL**  
 RGB: 69/69/123  
 CMYK: 79/80/25/9  
 LAB: 33,27/13,86/-28,10



**Dark Blue**  
**MACal 9839-119 CAST**  
 RGB: 48/62/74  
 CMYK: 76/66/50/39  
 LAB: 27,65/-0,46/-8,81



**Steel Blue**  
**MACal 9839-140 CAST**  
 RGB: 49/60/80  
 CMYK: 78/70/45/35  
 LAB: 27,40/2,08/-12,62



**Midnight Blue**  
**MACal 9839-187 CAST**  
 RGB: 46/65/99  
 CMYK: 84/75/36/23  
 LAB: 29,30/3,60/-21,24



**Light Navy**  
**MACal 9839-193 CAST**  
 RGB: 48/67/90  
 CMYK: 80/69/43/30  
 LAB: 29,65/-0,14/-14,92



**Scandinavian Blue**  
**MACal 9839-123 CAST**  
 RGB: 46/69/99  
 CMYK: 83/71/38/24  
 LAB: 30,60/0,63/-19,05



**Ultramarine Blue**  
**MACal 9839-112 CAST**  
 RGB: 43/72/125  
 CMYK: 89/78/25/9  
 LAB: 32,22/5,58/-31,18



**Luminous Blue**  
**MACal 9837-101 CAST SL**  
 RGB: 39/72/161  
 CMYK: 89/83/1/0  
 LAB: 34,04/16,24/-48,09



**Tanzanite Blue**  
**MACal 9839-192 CAST**  
 RGB: 53/75/138  
 CMYK: 90/64/10/1  
 LAB: 34,36/9,89/-34,86



**Royal Sapphire**  
**MACal 9839-190 CAST**  
 RGB: 44/76/136  
 CMYK: 88/77/20/5  
 LAB: 33,96/6,60/-34,39



**Marine Blue**  
**MACal 9839-189 CAST**  
 RGB: 45/77/124  
 CMYK: 87/73/27/11  
 LAB: 33,80/2,49/-27,91



**Reflex Blue**  
**MACal 9839-126 CAST**  
 RGB: 37/81/144  
 CMYK: 87/75/17/3  
 LAB: 35,44/4,47/-36,56



**Cornflower Blue**  
**MACal 9837-191 CAST SL**  
 RGB: 32/89/180  
 CMYK: 85/71/0/0  
 LAB: 39,27/10,69/-49,76



**Electric Blue**  
**MACal 9839-188 CAST**  
 RGB: 16/97/161  
 CMYK: 90/64/12/1  
 LAB: 39,89/-2,89/-38,49



**Vivid Blue**  
**MACal 9839-111 CAST**  
 RGB: 11/98/164  
 CMYK: 90/64/10/1  
 LAB: 40,03/-2,38/-40,12



**Dark Blue Green**  
**MACal 9849-164 CAST**  
 RGB: 37/101/134  
 CMYK: 86/56/31/9  
 LAB: 40,28/-10,16/-23,46



**Sea Blue**  
**MACal 9839-122 CAST**  
 RGB: 0/112/182  
 CMYK: 88/55/4/0  
 LAB: 44,31/-5,51/-42,89



**Medium Blue**  
**MACal 9839-124 CAST**  
 RGB: 0/133/194  
 CMYK: 87/42/6/0  
 LAB: 49,01/-14,37/-40,79



**Luminous Cyan**  
**MACal 9837-100 CAST SL**  
 RGB: 0/158/220  
 CMYK: 89/29/0/0  
 LAB: 54,04/-21,96/-45,89



**Egyptian Blue**  
**MACal 9839-120 CAST**  
 RGB: 50/143/194  
 CMYK: 76/35/11/0  
 LAB: 54,53/-13,34/-32,29



**Sky Blue**  
**MACal 9839-110 CAST**  
 RGB: 0/167/225  
 CMYK: 79/21/3/0  
 LAB: 59,96/-22,60/-39,01



**Light Blue**  
**MACal 9839-107 CAST**  
 RGB: 95/188/227  
 CMYK: 85/13/7/0  
 LAB: 69,04/-18,77/-26,08



**Azure Blue**  
**MACal 9839-141 CAST**  
 RGB: 29/168/226  
 CMYK: 73/21/2/0  
 LAB: 61,80/-19,44/-36,95



**Pastel Blue**  
**MACal 9839-142 CAST**  
 RGB: 121/193/245  
 CMYK: 48/15/0/0  
 LAB: 71,73/-10,67/-29,60



**Pastel Aqua**  
**MACal 9839-144 CAST**  
 RGB: 200/227/250  
 CMYK: 22/9/2/0  
 LAB: 84,48/-3,69/-12,44



**Mint**  
**MACal 9849-118 CAST**  
 RGB: 131/227/203  
 CMYK: 49/0/32/0  
 LAB: 79,51/-33,66/1,79



**Turquoise Green**  
**MACal 9849-115 CAST**  
 RGB: 0/175/162  
 CMYK: 85/8/48/0  
 LAB: 60,36/-45,77/-5,73



**Petrol**  
**MACal 9849-117 CAST**  
 RGB: 0/162/162  
 CMYK: 92/18/45/1  
 LAB: 54,22/-43,59/-13,13



**Turquoise Blue**  
**MACal 9849-133 CAST**  
 RGB: 0/128/146  
 CMYK: 92/36/38/6  
 LAB: 46,06/-28,83/-19,61



**Dark Lagoon**  
**MACal 9849-134 CAST**  
 RGB: 34/85/94  
 CMYK: 85/53/49/27  
 LAB: 34,00/-13,73/-10,67



**Dark Green**  
**MACal 9849-151 CAST**  
 RGB: 29/92/68  
 CMYK: 86/40/75/32  
 LAB: 35,42/-26,00/6,30



**Olive**  
**MACal 9847-135 CAST SL**  
 RGB: 74/83/59  
 CMYK: 63/49/73/38  
 LAB: 35,21/-5,51/11,22



**Bottle Green**  
**MACal 9849-153 CAST**  
 RGB: 60/97/62  
 CMYK: 75/40/80/30  
 LAB: 38,23/-19,13/13,86



**Leaf Green**  
**MACal 9849-165 CAST**  
 RGB: 15/120/80  
 CMYK: 91/29/81/16  
 LAB: 43,71/-39,20/11,44



**Medium Green**  
**MACal 9849-110 CAST**  
 RGB: 6/126/79  
 CMYK: 92/26/85/13  
 LAB: 45,56/-43,49/14,89



**Luminous Green**  
**MACal 9847-100 CAST SL**  
 RGB: 0/192/83  
 CMYK: 90/0/100/0  
 LAB: 60,96/-69,81/40,49



**Bright Green**  
**MACal 9849-136 CAST**  
 RGB: 36/167/73  
 CMYK: 86/8/100/1  
 LAB: 57,98/-55,38/35,00



**Grass Green**  
**MACal 9849-155 CAST**  
 RGB: 87/170/66  
 CMYK: 74/11/100/1  
 LAB: 60,27/-43,12/41,23



**Apple Green**  
**MACal 9849-113 CAST**  
 RGB: 145/213/76  
 CMYK: 53/0/93/0  
 LAB: 74,76/-40,03/54,82



**Green Yellow**  
**MACal 9849-154 CAST**  
 RGB: 180/209/62  
 CMYK: 40/4/99/0  
 LAB: 75,78/-24,90/61,60



**Cream White**  
**MACal 9829-122 CAST**  
 RGB: 247/244/228  
 CMYK: 7/7/14/0  
 LAB: 90,98/0,47/7,31



**Ivory**  
**MACal 9829-105 CAST**  
 RGB: 243/232/195  
 CMYK: 9/11/29/0  
 LAB: 87,52/0,50/17,98



**Beige**  
**MACal 9829-101 CAST**  
 RGB: 241/219/163  
 CMYK: 10/16/43/0  
 LAB: 83,82/2,95/27,71



**Terra Di Siena**  
**MACal 9883-108 CAST**  
 RGB: 237/170/120  
 CMYK: 8/41/56/0  
 LAB: 72,52/22,06/32,40



**Terra Cotta**  
**MACal 9887-109 CAST SL**  
 RGB: 189/99/51  
 CMYK: 21/70/85/8  
 LAB: 52,01/33,93/38,36



**Fawn Brown**  
**MACal 9883-106 CAST**  
 RGB: 109/83/61  
 CMYK: 45/60/70/32  
 LAB: 38,71/10,42/15,39



**Dark Brown**  
**MACal 9883-104 CAST**  
 RGB: 78/65/56  
 CMYK: 55/62/64/43  
 LAB: 30,85/6,71/6,41



**Mystic Grey**  
**MACal 9889-117 CAST**  
 RGB: 69/76/76  
 CMYK: 67/58/56/35  
 LAB: 33,18/-0,80/-1,27



**Traffic Grey**  
**MACal 9889-105 CAST**  
 RGB: 81/90/92  
 CMYK: 65/55/51/26  
 LAB: 38,48/-1,35/-2,40



**Dark Grey**  
**MACal 9889-102 CAST**  
 RGB: 101/111/110  
 CMYK: 60/48/48/16  
 LAB: 45,96/-1,93/-1,39



**Shadow Grey**  
**MACal 9889-145 CAST**  
 RGB: 89/95/93  
 CMYK: 62/53/53/24  
 LAB: 40,43/-0,70/0,01



**Stingray**  
**MACal 9889-143 CAST**  
 RGB: 116/122/117  
 CMYK: 55/45/48/12  
 LAB: 50,17/-1,25/1,26



**Light Grey**  
**MACal 9889-103 CAST**  
 RGB: 154/161/154  
 CMYK: 43/33/38/1  
 LAB: 63,52/-1,79/2,10



**Clay Grey**  
**MACal 9889-142 CAST**  
 RGB: 208/216/215  
 CMYK: 21/15/16/0  
 LAB: 81,58/-1,11/-0,35



**Grey**  
**MACal 9889-116 CAST**  
 RGB: 98/112/118  
 CMYK: 62/49/43/13  
 LAB: 46,32/-2,02/-5,38



**Mouse Grey**  
**MACal 9889-115 CAST**  
 RGB: 127/142/146  
 CMYK: 53/38/37/3  
 LAB: 56,90/-3,35/-4,05



**Asphalt Grey**  
**MACal 9889-144 CAST**  
 RGB: 144/150/149  
 CMYK: 47/37/38/2  
 LAB: 60,05/-0,43/-0,77



**Pastel Grey**  
**MACal 9889-114 CAST**  
 RGB: 177/187/185  
 CMYK: 33/24/26/0  
 LAB: 72,32/-1,97/-0,35



**Pearl Grey**  
**MACal 9889-104 CAST**  
 RGB: 205/209/208  
 CMYK: 22/18/18/0  
 LAB: 79,81/0,20/0,00



**Charcoal**  
**MACal 9889-101 CAST**  
 RGB: 87/91/88  
 CMYK: 62/54/54/27  
 LAB: 39,17/-0,16/0,74



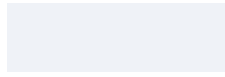
**Silver**  
**MACal 9869-100 CAST**  
 RGB: 182/188/189  
 CMYK: 31/24/24/0  
 LAB: 72,99/-0,47/-1,29



**Light Silver**  
**MACal 9869-108 CAST**  
 RGB: 213/220/220  
 CMYK: 18/13/14/0  
 LAB: 83,03/-0,40/-0,73



**Gold**  
**MACal 9879-100 CAST**  
 RGB: 195/171/109  
 CMYK: 28/31/67/1  
 LAB: 68,60/2,96/32,00



**Clear**  
**MACal 9899-100 CAST**  
 RGB: 247/253/255  
 CMYK: 5/3/1/0  
 LAB: 94,51/0,18/-2,46



**White Contrast B**  
**MACal 9829-100 CAST**  
 RGB: 250/255/253  
 CMYK: 2/1/3/0  
 LAB: 97,26/-1,04/1,46



**Black**  
**MACal 9889-100 CAST**  
 RGB: 51/56/53  
 CMYK: 68/62/60/51  
 LAB: 25,44/0,01/-0,08



**Silver Metallic Matt**  
**MACal 9868-100 CAST**  
 RGB: 203/210/210  
 CMYK: 23/17/17/0  
 LAB: 79,81/-0,41/-0,72



**Charcoal Matt**  
**MACal 9888-101 CAST**  
 RGB: 88/93/91  
 CMYK: 62/53/53/25  
 LAB: 39,90/-0,49/-0,19



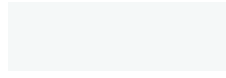
**Traffic Grey Matt**  
**MACal 9888-105 CAST**  
 RGB: 76/85/85  
 CMYK: 68/62/60/51  
 LAB: 36,69/-1,46/-1,60



**Anthracite Matt**  
**MACal 9888-141 CAST**  
 RGB: 63/70/70  
 CMYK: 68/59/57/39  
 LAB: 30,98/-0,60/-1,24



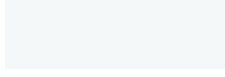
**Black Matt**  
**MACal 9888-100 CAST**  
 RGB: 52/57/53  
 CMYK: 67/61/61/50  
 LAB: 25,84/0,14/0,63



**White Matt Contrast B**  
**MACal 9828-100 CAST**  
 RGB: 251/255/255  
 CMYK: 3/1/2/0  
 LAB: 97,02/-0,86/1,01



**White glossy Contrast B**  
**MACal 9829-100 HT CAST**  
 RGB: 250/255/253  
 CMYK: 2/1/3/0  
 LAB: 97,26/-1,04/1,46



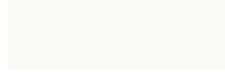
**White Matt Contrast B**  
**MACal 9828-100 HT CAST**  
 RGB: 251/255/255  
 CMYK: 3/1/2/0  
 LAB: 97,02/-0,86/1,01



**Black Glossy**  
**MACal 9889-100 HT CAST**  
 RGB: 51/56/53  
 CMYK: 68/62/60/51  
 LAB: 25,44/0,01/-0,08



**Black Matt**  
**MACal 9888-100 HT CAST**  
 RGB: 52/57/53  
 CMYK: 67/61/61/50  
 LAB: 25,84/0,14/0,63



**White Glossy**  
**MACal 9829-100 BF CAST**  
 RGB: 250/255/253  
 CMYK: 2/1/3/0  
 LAB: 97,26/-1,04/1,46



**Black glossy**  
**MACal 9889-100 BF CAST**  
 RGB: 51/56/53  
 CMYK: 68/62/60/51  
 LAB: 25,44/0,01/-0,08



**Medium Red Matt**  
**MACal 9858-100 CAST**  
 RGB: 173/54/51  
 CMYK: 22/91/77/12  
 LAB: 42,20/49,30/25,91



**Banana Yellow Matt**  
**MACal 9808-146 CAST**  
 RGB: 255/210/0  
 CMYK: 1/17/100/0  
 LAB: 85,09/6,35/85,75



**Ultramarine Matt**  
**MACal 9838-112 CAST**  
 RGB: 42/73/125  
 CMYK: 88/77/25/9  
 LAB: 32,53/4,74/-30,81



**Vivid Blue Matt**  
**MACal 9838-111 CAST**  
 RGB: 8/97/159  
 CMYK: 91/64/13/1  
 LAB: 39,55/-4,14/-38,16