



Phanerozoic (40/0/5/0)		Series / Epoch	Stage / Age	Color code	
Phanerozoic (40/0/5/0)	Cenozoic (5/0/90/0)	Quaternary (0/0/50/0)	Holocene (0/5/15/0)	(0/5/5/0)	
			Upper	(0/5/15/0)	
			Pleistocene (0/5/35/0)	Middle	(0/5/20/0)
				Calabrian	(0/5/25/0)
				Gelasian	(0/5/30/0)
		Neogene (0/10/90/0)	Pliocene (0/0/40/0)	Piacenzian	(0/0/25/0)
				Zanclean	(0/0/30/0)
			Miocene (0/0/100/0)	Messinian	(0/0/55/0)
				Tortonian	(0/0/60/0)
				Serravallian	(0/0/65/0)
	Paleogene (0/40/60/0)	Oligocene (0/25/45/0)	Chattian	(0/10/30/0)	
			Rupelian	(0/15/35/0)	
			Priabonian	(0/20/30/0)	
			Bartonian	(0/25/35/0)	
			Lutetian	(0/30/40/0)	
		Eocene (0/30/50/0)	Ypresian	(0/35/45/0)	
			Thanetian	(0/25/50/0)	
			Selandian	(0/25/55/0)	
			Danian	(0/30/55/0)	
			Mesozoic (60/0/10/0)	Cretaceous (50/0/75/0)	Upper (35/0/75/0)
Campanian (10/0/50/0)					
Santonian (15/0/55/0)					
Coniacian (20/0/60/0)					
Turonian (25/0/65/0)					
Cenomanian (30/0/70/0)					
Albian (20/0/40/0)					
Aptian (25/0/45/0)					
Barremian (30/0/50/0)					
Hauterivian (35/0/55/0)					
Valanginian (40/0/60/0)					
Berriasian (45/0/65/0)					

Phanerozoic (40/0/5/0)		Series / Epoch	Stage / Age	Color code	
Phanerozoic (40/0/5/0)	Mesozoic (60/0/10/0)	Jurassic (80/0/5/0)	Upper (30/0/0/0)	Tithonian (15/0/0/0)	
			Kimmeridgian (20/0/0/0)		
			Oxfordian (25/0/0/0)		
			Callovian (25/0/5/0)		
			Bathonian (30/0/5/0)		
			Bajocian (35/0/5/0)		
			Aalenian (40/0/5/0)		
			Lower (75/5/0/0)	Toarcian (40/5/0/0)	
			Pliensbachian (50/5/0/0)		
			Sinemurian (60/5/0/0)		
	Hettangian (70/5/0/0)				
	Triassic (50/80/0/0)	Upper (25/40/0/0)	Rhaetian (10/25/0/0)		
		Norian (15/30/0/0)			
		Carnian (20/35/0/0)			
		Ladinian (20/45/0/0)			
		Anisian (25/50/0/0)			
		Lower (40/75/0/0)	Olenekian (30/65/0/0)		
		Induan (35/70/0/0)			
		Paleozoic (40/10/40/0)	Permian (5/75/75/0)	Lopingian (0/35/30/0)	Changhsingian (0/25/20/0)
				Wuchiapingian (0/30/25/0)	
				Guadalupian (0/55/50/0)	Capitanian (0/40/35/0)
	Wordian (0/45/40/0)				
	Roadian (0/50/45/0)				
	Kungurian (10/45/40/0)				
	Artinskian (10/50/45/0)				
	Sakmarian (10/55/50/0)				
	Asselian (10/60/55/0)				
	Paleozoic (40/10/40/0)			Carboniferous (60/15/30/0)	Pennsylvanian (40/10/20/0)
		Kasimovian (25/10/15/0)			
		Mississippian (60/25/55/0)	Middle (35/10/20/0)		Moscovian (30/10/20/0)
			Lower (45/10/20/0)		Bashkirian (40/10/20/0)
			Upper (30/15/55/0)		Serpukhovian (25/15/55/0)
			Middle (40/15/55/0)		Visean (35/15/55/0)
			Lower (50/15/55/0)		Tournaisian (45/15/55/0)

Phanerozoic (40/0/5/0)		Series / Epoch	Stage / Age	Color code		
Phanerozoic (40/0/5/0)	Paleozoic (40/10/40/0)	Devonian (20/40/75/0)	Upper (5/10/35/0)	Famennian (5/5/20/0)		
			Frasnian (5/5/30/0)			
			Middle (5/20/55/0)	Givetian (5/10/45/0)		
			Eifelian (5/15/50/0)			
			Lower (10/30/65/0)	Emsian (10/15/50/0)		
			Pragian (10/20/55/0)			
			Lochkovian (10/25/60/0)			
			Silurian (30/0/25/0)	Pridoli (10/0/10/0)	(10/0/10/0)	
				Ludlow (25/0/15/0)	Ludfordian (15/0/10/0)	
				Gorstian (20/0/10/0)		
	Wenlock (30/0/20/0)	Homerian (20/0/15/0)				
	Sheinwoodian (25/0/20/0)					
	Llandovery (40/0/25/0)	Telychian (25/0/15/0)				
	Aeronian (30/0/20/0)					
	Rhuddanian (35/0/25/0)					
	Cambrian (50/20/65/0)	Ordovician (100/0/60/0)		Upper (50/0/40/0)	Hirnantian (35/0/30/0)	
				Katian (40/0/35/0)		
			Sandbian (45/0/40/0)			
			Middle (70/0/50/0)	Darriwilian (55/0/35/0)		
			Dapingian (60/0/40/0)			
			Lower (90/0/60/0)	Floian (75/0/45/0)		
			Tremadocian (80/0/50/0)			
			Paleozoic (40/10/40/0)	Cambrian (50/20/65/0)	Furongian (30/0/40/0)	Stage 10 (10/0/20/0)
					Jiangshanian (15/0/25/0)	
					Paibian (20/0/30/0)	
	Series 3 (35/5/45/0)	Guzhangian (20/5/30/0)				
	Drumian (25/5/35/0)					
	Stage 5 (30/5/40/0)					
	Series 2 (40/10/50/0)	Stage 4 (30/10/40/0)				
	Stage 3 (35/10/45/0)					
Terreneuvian (45/15/55/0)	Stage 2 (35/15/45/0)					
Fortunian (40/15/50/0)						

Phanerozoic (40/0/5/0)		Series / Epoch	Stage / Age	Color code
Phanerozoic (40/0/5/0)	Precambrian (0/75/30/0)	Proterozoic (0/80/35/0)	Neo-proterozoic (0/30/70/0)	Ediacaran (0/15/55/0)
			Cryogenian (0/20/60/0)	
			Tonian (0/25/65/0)	
			Meso-proterozoic (0/30/55/0)	Stenian (0/15/35/0)
			Ectasian (0/20/40/0)	
			Calymmian (0/25/45/0)	
			Paleo-proterozoic (0/75/30/0)	Statherian (0/55/10/0)
			Orosirian (0/60/15/0)	
			Rhyacian (0/65/20/0)	
			Siderian (0/70/25/0)	
Precambrian (0/75/30/0)	Archean (0/100/0/0)	Neoproterozoic (0/40/5/0)	(0/35/5/0)	
		Mesoproterozoic (0/60/5/0)	(0/50/5/0)	
		Paleoproterozoic (0/75/0/0)	(0/60/0/0)	
		Eoarchean (10/100/0/0)	(5/90/0/0)	
		Hadean (30/100/0/0)		

CMYK COLOR CODE

The CMYK color code is an additive model with percentages of Cyan, Magenta, Yellow and Black. For example: the CMYK color for Devonian (20/40/75/0) is a mixture of 20% Cyan, 40% Magenta, 75% Yellow and 0% Black.

The CMYK values are the primary reference system for designating the official colors for these geological units.

The CMYK color code gives the official values only for Cyan (C), Magenta (M) and Yellow (Y).

Users may adapt the codes to other purposes by adjusting the K (grayness) value to obtain a modified hue. This option allows a flexible use of this reference system.

The conversion from the reference CMYK values to the RGB codes utilizes Adobe® Illustrator® CS3's color function of "Emulate Adobe® Illustrator® 6.0" (menu Edit / Color Settings / Settings).

Phanerozoic 154/217/221		Series / Epoch	Stage / Age	Color code	
Phanerozoic 154/217/221	Cenozoic 242/249/29	Quaternary 249/249/127	Holocene 254/242/224	254/242/236	
			Upper	255/242/211	
			Pleistocene 255/242/162	Middle	255/242/199
				Calabrian	255/242/186
				Gelasian	255/242/174
		Neogene 255/230/25	Pliocene 255/255/153	Piacenzian	255/255/191
				Zanclean	255/255/179
			Miocene 255/255/0	Messinian	255/255/115
				Tortonian	255/255/102
				Serravallian	255/255/89
	Paleogene 253/154/82	Oligocene 253/192/122	Chattian	254/230/170	
			Rupelian	254/217/154	
			Priabonian	253/205/161	
			Bartonian	253/192/145	
			Lutetian	252/180/130	
		Eocene 253/180/108	Ypresian	252/167/115	
			Thanetian	253/191/111	
			Selandian	254/191/101	
			Danian	253/180/98	
			Mesozoic 103/197/202	Cretaceous 127/198/78	Upper 166/216/74
Campanian 230/244/127					
Santonian 217/239/116					
Coniacian 204/233/104					
Turonian 191/227/93					
Cenomanian 179/222/83					
Albian 204/234/151					
Aptian 191/228/138					
Barremian 179/223/127					
Hauterivian 166/217/117					
Valanginian 153/211/106					
Berriasian 140/205/96					

Phanerozoic 154/217/221		Series / Epoch	Stage / Age	Color code	
Phanerozoic 154/217/221	Mesozoic 103/197/202	Jurassic 52/178/201	Upper 179/227/238	Tithonian 217/241/247	
			Kimmeridgian 204/236/244		
			Oxfordian 191/231/241		
			Callovian 191/231/229		
			Bathonian 179/226/227		
			Bajocian 166/221/224		
			Aalenian 154/217/221		
			Lower 66/174/208	Toarcian 153/206/227	
			Pliensbachian 128/197/221		
			Sinemurian 103/188/216		
	Hettangian 78/179/211				
	Triassic 129/43/146	Upper 189/140/195	Rhaetian 227/185/219		
		Norian 214/170/211			
		Carnian 201/155/203			
		Middle 177/104/177	Ladinian 201/131/191		
		Anisian 188/117/183			
		Lower 152/57/153	Olenekian 176/81/165		
		Induan 164/70/159			
		Paleozoic 153/192/141	Permian 240/64/40	Lopingian 251/167/148	Changhsingian 252/192/178
				Wuchiapingian 252/180/162	
				Guadalupian 251/116/92	Capitanian 251/154/133
	Wordian 251/141/118				
	Roadian 251/128/105				
	Kungurian 227/135/118				
	Artinskian 227/123/104				
	Sakmarian 227/111/92				
	Asselian 227/99/80				
	Paleozoic 153/192/141			Carboniferous 103/165/153	Pennsylvanian 153/194/181
		Kasimovian 191/208/197			
		Mississippian 103/143/102	Middle 166/199/183		Moscovian 179/203/185
			Lower 140/190/180		Bashkirian 153/194/181
			Upper 179/190/108		Serpukhovian 191/194/107
			Middle 153/180/108		Visean 166/185/108
			Lower 128/171/108		Tournaisian 140/176/108

Phanerozoic 154/217/221		Series / Epoch	Stage / Age	Color code		
Phanerozoic 154/217/221	Paleozoic 153/192/141	Devonian 203/140/55	Upper 241/225/157	Famennian 242/237/197		
			Frasnian 242/237/173			
			Middle 241/200/104	Givetian 241/225/133		
			Eifelian 241/213/118			
			Lower 229/172/77	Emsian 229/208/117		
			Pragian 229/196/104			
			Lochkovian 229/183/90			
			Silurian 179/225/182	Pridoli 230/245/225	230/245/225	
				Ludlow 191/230/207	Ludfordian 217/240/223	
				Gorstian 204/236/221		
	Wenlock 179/225/194	Homerian 204/235/209				
	Sheinwoodian 191/230/195					
	Llandovery 153/215/179	Telychian 191/230/207				
	Aeronian 179/225/194					
	Rhuddanian 166/220/181					
	Cambrian 127/160/86	Ordovician 0/146/112		Upper 127/202/147	Hirnantian 166/219/171	
				Katian 153/214/159		
			Sandbian 140/208/148			
			Middle 77/180/126	Darriwilian 116/198/156		
			Dapingian 102/192/146			
			Lower 26/157/111	Floian 65/176/135		
			Tremadocian 51/169/126			
			Paleozoic 153/192/141	Cambrian 127/160/86	Furongian 179/224/149	Stage 10 230/245/201
					Jiangshanian 217/240/187	
					Paibian 204/235/174	
	Series 3 166/207/134	Guzhangian 204/223/170				
	Drumian 191/217/157					
	Stage 5 179/212/146					
	Series 2 153/192/120	Stage 4 179/202/142				
	Stage 3 166/197/131					
Terreneuvian 140/176/108	Stage 2 166/186/128					
Fortunian 153/181/117						

Phanerozoic 154/217/221		Series / Epoch	Stage / Age	Color code
Phanerozoic 154/217/221	Precambrian 247/67/112	Proterozoic 247/53/99	Neo-proterozoic 254/179/66	Ediacaran 254/217/106
			Cryogenian 254/204/92	
			Tonian 254/191/78	
			Meso-proterozoic 253/180/98	Stenian 254/217/154
			Ectasian 253/204/138	
			Calymmian 253/192/122	
			Paleo-proterozoic 247/67/112	Statherian 248/117/167
			Orosirian 247/104/152	
			Rhyacian 247/91/137	
			Siderian 247/79/124	
Precambrian 247/67/112	Archean 240/4/127	Neoproterozoic 249/155/193	250/167/200	
		Mesoproterozoic 247/104/169	248/129/181	
		Paleoproterozoic 244/68/159	246/104/178	
		Eoarchean 218/3/127	230/29/140	
		Hadean 174/2/126		

RGB COLOR CODE

The RGB color code is an additive model of Red, Green and Blue.

Each is indicated on a scale from 0 (no pigment) to 255 (saturation of this pigment). For example: "Devonian (203/140/205)" indicates a mixture of 203 Red, 140 Green and 205 Blue.

The conversion from the reference CMYK values to the RGB codes utilizes Adobe® Illustrator® CS3's color function of "Emulate Adobe® Illustrator® 6.0" (menu Edit / Color Settings / Settings).

For color conversions using a program other than Adobe® Illustrator®, it is necessary to conserve the reference CMYK, even if the resulting RGB values are slightly different.

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Coloring follows the Commission for the Geological Map of the World. <http://www.ccgw.org>