



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)	
			Miocene (0/0/100/0)	Zanclean	(0/0/30/0)	
				Messinian	(0/0/55/0)	
				Tortonian	(0/0/60/0)	
				Serravallian	(0/0/65/0)	
	Langhian	(0/0/70/0)				
	Paleogene (0/40/60/0)	Oligocene (0/25/45/0)	Burdigalian	(0/0/75/0)		
			Aquitanian	(0/0/80/0)		
			Chattian	(0/10/30/0)		
			Rupelian	(0/15/35/0)		
			Priabonian	(0/20/30/0)		
		Eocene (0/30/50/0)	Bartonian	(0/25/35/0)		
			Lutetian	(0/30/40/0)		
			Ypresian	(0/35/45/0)		
			Thanetian	(0/25/50/0)		
Selandian			(0/25/55/0)			
Paleocene (0/35/55/0)	Danian	(0/30/55/0)				
	Mesozoic (60/0/10/0)	Cretaceous (50/0/75/0)	Upper (35/0/75/0)			
			Maastrichtian	(5/0/45/0)		
			Campanian	(10/0/50/0)		
			Santonian	(15/0/55/0)		
Coniacian			(20/0/60/0)			
Lower (45/0/70/0)		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)			
Mesozoic (60/0/10/0)	Cretaceous (50/0/75/0)	Hauterivian	(35/0/55/0)			
		Valanginian	(40/0/60/0)			
		Berriasian	(45/0/65/0)			
		Paleozoic (40/10/40/0)	Permian (5/75/75/0)	Upper (25/10/20/0)		
				Kasimovian	(25/10/15/0)	
	Moscovian			(30/10/20/0)		
	Lower (45/10/20/0)					
	Bashkirian			(40/10/20/0)		
	Triassic (50/80/0/0)	Upper (25/40/0/0)				
		Norian	(15/30/0/0)			
Carnian		(20/35/0/0)				
Ladinian		(20/45/0/0)				
Anisian		(25/50/0/0)				
Silurian (30/0/25/0)	Lower (75/5/0/0)					
	Hettangian	(70/5/0/0)				
	Sinemurian	(60/5/0/0)				
	Bajocian	(35/0/5/0)				
	Aalenian	(40/0/5/0)				
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)				
Ordovician (100/0/60/0)	Eifelian	(5/15/50/0)				
	Emsian	(10/15/50/0)				
	Pragian	(10/20/55/0)				
	Lochkovian	(10/25/60/0)				
	Pridoli	(10/0/10/0)				
Cambrian (50/20/65/0)	Upper (50/0/40/0)					
	Katian	(40/0/35/0)				
	Sandbian	(45/0/40/0)				
	Middle (70/0/50/0)					
	Darriwilian	(55/0/35/0)				
Paleozoic (40/10/40/0)	Lower (90/0/60/0)					
	Floian	(75/0/45/0)				
	Tremadocian	(80/0/50/0)				
	Stage 10	(10/0/20/0)				
	Jiangshanian	(15/0/25/0)				
Paleozoic (40/10/40/0)	Upper (50/0/40/0)					
	Paibian	(20/0/30/0)				
	Stage 5	(30/5/40/0)				
	Series 3 (35/5/45/0)					
	Drumian	(25/5/35/0)				
Paleozoic (40/10/40/0)	Upper (50/0/40/0)					
	Stage 4	(30/10/40/0)				
	Series 2 (40/10/50/0)					
	Stage 3	(35/10/45/0)				
	Stage 2	(35/15/45/0)				
Paleozoic (40/10/40/0)	Upper (50/0/40/0)					
	Fortunian	(40/15/50/0)				
	Terreneuvian	(45/15/55/0)				
	Series 2 (40/10/50/0)					
	Stage 2	(35/15/45/0)				

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)		(15/0/0/0)
			Kimmeridgian	(20/0/0/0)	
			Oxfordian	(25/0/0/0)	
			Middle (50/0/5/0)		
			Callovian	(25/0/5/0)	
		Lower (75/5/0/0)	Bathonian	(30/0/5/0)	
			Bajocian	(35/0/5/0)	
			Aalenian	(40/0/5/0)	
			Toarcian	(40/5/0/0)	
			Pliensbachian	(50/5/0/0)	
	Paleozoic (40/10/40/0)	Permian (5/75/75/0)	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)	
		Triassic (50/80/0/0)	Lower (40/75/0/0)		
			Induan	(35/70/0/0)	
			Olenekian	(30/65/0/0)	
			Anisian	(25/50/0/0)	
			Lopingian	(0/25/20/0)	
Paleozoic (40/10/40/0)	Permian (5/75/75/0)	Wuchiapingian	(0/30/25/0)		
		Capitanian	(0/40/35/0)		
		Wordian	(0/45/40/0)		
		Roadian	(0/50/45/0)		
		Kungurian	(10/45/40/0)		
Paleozoic (40/10/40/0)	Permian (5/75/75/0)	Artinskian	(10/50/45/0)		
		Sakmarian	(10/55/50/0)		
		Asselian	(10/60/55/0)		
		Gzhelian	(20/10/15/0)		
		Kasimovian	(25/10/15/0)		
Paleozoic (40/10/40/0)	Permian (5/75/75/0)	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)		
Paleozoic (40/10/40/0)	Permian (5/75/75/0)	Upper (30/15/55/0)			
		Visean	(35/15/55/0)		
		Middle (40/15/55/0)			
		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)		(5/5/20/0)
			Famennian	(5/5/20/0)	
			Frasnian	(5/5/30/0)	
			Middle (5/20/55/0)		
			Givetian	(5/10/45/0)	
		Lower (10/30/65/0)	Eifelian	(5/15/50/0)	
			Emsian	(10/15/50/0)	
			Pragian	(10/20/55/0)	
			Lochkovian	(10/25/60/0)	
			Pridoli	(10/0/10/0)	
	Paleozoic (40/10/40/0)	Silurian (30/0/25/0)	Ludlow	(15/0/10/0)	
			Ludfordian	(15/0/10/0)	
			Gorstian	(20/0/10/0)	
			Wenlock	(20/0/15/0)	
			Homerian	(20/0/15/0)	
		Cambrian (50/20/65/0)	Lower (90/0/60/0)		
			Floian	(75/0/45/0)	
			Tremadocian	(80/0/50/0)	
			Stage 10	(10/0/20/0)	
			Jiangshanian	(15/0/25/0)	
Paleozoic (40/10/40/0)	Silurian (30/0/25/0)	Upper (50/0/40/0)			
		Paibian	(20/0/30/0)		
		Stage 5	(30/5/40/0)		
		Series 3 (35/5/45/0)			
		Drumian	(25/5/35/0)		
Paleozoic (40/10/40/0)	Silurian (30/0/25/0)	Upper (50/0/40/0)			
		Stage 4	(30/10/40/0)		
		Series 2 (40/10/50/0)			
		Stage 3	(35/10/45/0)		
		Stage 2	(35/15/45/0)		
Paleozoic (40/10/40/0)	Silurian (30/0/25/0)	Upper (50/0/40/0)			
		Fortunian	(40/15/50/0)		
		Terreneuvian	(45/15/55/0)		
		Series 2 (40/10/50/0)			
		Stage 2	(35/15/45/0)		

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)		(5/5/20/0)
			Famennian	(5/5/20/0)	
			Frasnian	(5/5/30/0)	
			Middle (5/20/55/0)		
			Givetian	(5/10/45/0)	
		Lower (10/30/65/0)	Eifelian	(5/15/50/0)	
			Emsian	(10/15/50/0)	
			Pragian	(10/20/55/0)	
			Lochkovian	(10/25/60/0)	
			Pridoli	(10/0/10/0)	
	Paleozoic (40/10/40/0)	Silurian (30/0/25/0)	Ludlow	(15/0/10/0)	
			Ludfordian	(15/0/10/0)	
			Gorstian	(20/0/10/0)	
			Wenlock	(20/0/15/0)	
			Homerian	(20/0/15/0)	
		Cambrian (50/20/65/0)	Lower (90/0/60/0)		
			Floian	(75/0/45/0)	
			Tremadocian	(80/0/50/0)	
			Stage 10	(10/0/20/0)	
			Jiangshanian	(15/0/25/0)	
Paleozoic (40/10/40/0)	Silurian (30/0/25/0)	Upper (50/0/40/0)			
		Paibian	(20/0/30/0)		
		Stage 5	(30/5/40/0)		
		Series 3 (35/5/45/0)			
		Drumian	(25/5/35/0)		
Paleozoic (40/10/40/0)	Silurian (30/0/25/0)	Upper (50/0/40/0)			
		Stage 4	(30/10/40/0)		
		Series 2 (40/10/50/0)			
		Stage 3	(35/10/45/0)		
		Stage 2	(35/15/45/0)		
Paleozoic (40/10/40/0)	Silurian (30/0/25/0)	Upper (50/0/40/0)			
		Fortunian	(40/15/50/0)		
		Terreneuvian	(45/15/55/0)		
		Series 2 (40/10/50/0)			
		Stage 2	(35/15/45/0)		
Precambrian (0/75/30/0)	Proterozoic (0/80/35/0)	Upper (35/0/75/0)			
		Ediacaran	(0/15/55/0)		
		Cryogenian	(0/20/60/0)		
		Tonian	(0/25/65/0)		
		Stenian	(0/15/35/0)		
	Lower (45/0/70/0)	Ectasian	(0/20/40/0)		
		Calymmian	(0/25/45/0)		
		Statherian	(0/55/10/0)		
		Orosirian	(0/60/15/0)		
		Rhyacian	(0/65/20/0)		
Archean (0/100/0/0)	Upper (35/0/75/0)				
	Siderian	(0/70/25/0)			
	Neoproterozoic (0/30/70/0)				
	Meso-proterozoic (0/30/55/0)				
	Paleo-proterozoic (0/75/30/0)				
Precambrian (0/75/30/0)	Proterozoic (0/80/35/0)	Upper (35/0/75/0)			
		Neoproterozoic (0/30/70/0)			
		Meso-proterozoic (0/30/55/0)			
		Paleo-proterozoic (0/75/30/0)			
		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 (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)		254/242/236	
			Upper		255/242/211	
			Pleistocene (0/5/35/0)	Middle		255/242/199
				Calabrian		255/242/186
				Gelasian		255/242/174
		Neogene (0/10/90/0)	Pliocene (0/0/40/0)	Piacenzian	255/255/191	
			Miocene (0/0/100/0)	Zanclean	255/255/179	
				Messinian	255/255/115	
				Tortonian	255/255/102	
				Serravallian	255/255/89	
	Langhian	255/255/77				
	Paleogene (0/40/60/0)	Oligocene (0/25/45/0)	Burdigalian	255/255/65		
			Aquitanian	255/255/51		
			Chattian	254/230/170		
			Rupelian	254/217/154		
			Priabonian	253/205/161		
		Eocene (0/30/50/0)	Bartonian	253/192/145		
			Lutetian	252/180/130		
			Ypresian	252/167/115		
			Thanetian	253/191/111		
Selandian			254/191/101			
Paleocene (0/35/55/0)	Danian	253/180/98				
	Mesozoic (60/0/10/0)	Cretaceous (50/0/75/0)	Upper (35/0/75/0)			
			Maastrichtian	242/250/140		
			Campanian	230/244/127		
			Santonian	217/239/116		
Coniacian			204/233/104			
Lower (45/0/70/0)		Turonian	191/227/93			
		Cenomanian	179/222/83			
		Albian	204/234/151			
		Aptian	191/228/138			
		Barremian	179/223/127			
Mesozoic (60/0/10/0)	Cretaceous (50/0/75/0)	Hauterivian	166/217/117			
		Valanginian	153/211/106			
		Berriasian	140/205/96			
		Paleozoic (40/10/40/0)	Permian (5/75/75/0)	Upper (25/10/20/0)		
				Kasimovian	191/208/186	
	Moscovian			179/203/185		
	Lower (45/10/20/0)					
	Bashkirian			153/194/181		
	Triassic (50/80/0/0)	Upper (25/40/0/0)				
		Norian	153/192/141			
Carnian		201/155/203				
Ladinian		201/131/191				
Anisian		188/117/183				
Silurian (30/0/25/0)	Lower (75/5/0/0)					
	Hettangian	78/179/211				
	Sinemurian	103/188/216				
	Bajocian	166/221/224				
	Aalenian	154/217/221				
Devonian (20/40/75/0)	Upper (5/10/35/0)					
	Famennian	242/237/197				
	Frasnian	242/237/173				
	Middle (5/20/55/0)					
	Givetian	241/225/133				
Lower (10/30/65/0)	Eifelian	241/213/118				
	Emsian	229/208/117				
	Pragian	229/196/104				
	Lochkovian	229/183/90				
	Pridoli	230/245/225				
Paleozoic (40/10/40/0)	Silurian (30/0/25/0)	Ludlow	217/240/223			
		Ludfordian	217/240/223			
		Gorstian	204/236/221			
		Wenlock	204/235/209			
		Homerian	204/235/209			
	Cambrian (50/20/65/0)	Lower (90/0/60/0)				
		Floian	65/176/135			
		Tremadocian	51/169/126			
		Stage 10	230/245/201			
		Jiangshanian	217/240/187			
Paleozoic (40/10/40/0)	Silurian (30/0/2					