



Rocks

Marble

Type:

Metamorphic; regional and contact.

Texture/Appearance:

Fine to coarse-grained; granoblastic to saccharoidal. May appear patched or with streaks or banding that is deformed.

Color:

Variable, commonly white, pink, or gray.

Mineralogy/Chemistry:

Essentially composed of calcite and/or dolomite. Accessory minerals may or may not be present, depending on the composition of the original limestone or dolomite. Possible accessories include brucite, diopside, epidote, feldspars, forsterite, graphite, garnet, pyrite, quartz, etc.

Occurrence/Use:

Widely distributed in all metamorphic regions with any of the other regional metamorphic rock types. Occurs to a lesser extent as a result of contact metamorphism with intrusive igneous rocks. Low to high metamorphism grade. Some classic localities include those in Italy, Georgia, and Vermont. An important building and architectural stone, and used for statuary and in the manufacture of agricultural and chemical lime.