

marble

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Clues:

- ❖ Marble is a _____ rock. (8 down)
- ❖ Marble is non-_____. (4 across)
- ❖ It is formed from metamorphism of _____. (6 across)
- ❖ CaCO_3 is a formula for _____, which mostly makes up marble. (10 down)
- ❖ Marble is a type of _____ used in buildings, monuments & sculptures. (9 across)
- ❖ The rock is formed from heat & _____ in Earth's crust. (6 down)
- ❖ _____ & pressures necessary to form marble usually destroys any fossils & sedimentary textures present in the original rock. (5 down)
- ❖ Marble is usually formed from regional _____ (2 down), but sometimes formed from _____ (11 across) metamorphism.
- ❖ Marbles _____ (10 across) allows it to be polished to a smooth, bright & _____ (3 across) surface.
- ❖ _____ affects the minerals composition. (3 down)
- ❖ Marbles can be found _____. (2 across)
- ❖ Marbles are cut into blocks, slabs or _____. (5 across)
- ❖ Marbles do not easily split into _____ of equal size. (1 down)
- ❖ Marbles can _____ into small pieces. (1 across)
- ❖ _____ (8 across) coloration is often due to serpentine, resulting from originally high magnesium limestones with _____ (7 across) impurity.
- ❖ Marble containing _____ has a reddish color. (4 down)
- ❖ Pure white marble is the _____ of metamorphism of very pure limestones. (9 down)
- ❖ Marble is a _____ symbol & tradition in Greek & Roman sculptors. (7 down)

Answers:

Across:

1. Shatter
2. Everywhere
3. Shiny
4. Foliated
5. Tiles
6. Limestone
7. Silica
8. Green

9. Rock
10. Hardness
11. Contact

Down:

1. Sheets
2. Metamorphism
3. Recrystallization
4. Hematite
5. Temperatures
6. Pressure
7. Cultural
8. Metamorphic
9. Result
10. Calcite

