

Emerald

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For other uses, see [Emerald \(disambiguation\)](#).

Emerald



Emerald crystal from [Muzo, Colombia](#)

General

Category	Beryl variety
Formula (repeating unit)	$\text{Be}_3\text{Al}_2(\text{SiO}_3)_6$
Crystal system	Hexagonal (6/m 2/m 2/m) Space group : P6/mcc
Unit cell	$a = 9.21 \text{ \AA}$, $c = 9.19 \text{ \AA}$; $Z = 2$

Identification