

What are an Ideal or Real Gas?

1. A gas that follows Boyle's law, Charles' law and Avogadro law strictly is called an ideal gas.
2. Ideal gases are **hypothetical**
imagined or suggested but not necessarily real or true
3. It is assumed that **intermolecular forces** are not present between the molecules of an ideal gas
4. Real gases follow BL, CL, AL only under certain specific conditions when forces of interaction are practically **negligible**
5. Real gases at **other situations** deviate from ideal gas behaviour.