

## Aromatic, Antiaromatic, or Nonaromatic: How To Tell The Difference

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[eK8S51L8juo](https://www.youtube.com/watch?v=eK8S51L8juo)

This video shows you how to tell if a compound is aromatic, antiaromatic or nonaromatic by using huckel's number, pi electrons, and features of the compound such as whether or not if it's cyclic, conjugated, sp<sup>2</sup> hybridized and planar.

Examples in this video include cyclobutadiene, benzene, cyclooctatetraene, pentalene, 1,3,5-hexatriene, naphthalene, anthracene, tropylium ion, cyclopropenyl cation radical & anion, cyclopentadienyl radical cation & anion, cyclooctatrienyl dianion, cyclohexatrienyl cation, radical, & anion, pyrrole, furan, pyran, isoxazole, tub conformation of cyclooctatetraene, thiophene, 1,3-thiazole, pyrimidine, purine, pyrylium ion, & imidazole.

This video also helps you to see which nitrogen atom is basic and which is not.

: <https://www.youtube.com/channel/UCEWpbFLzoYGPfuWUMFPSaoA>

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