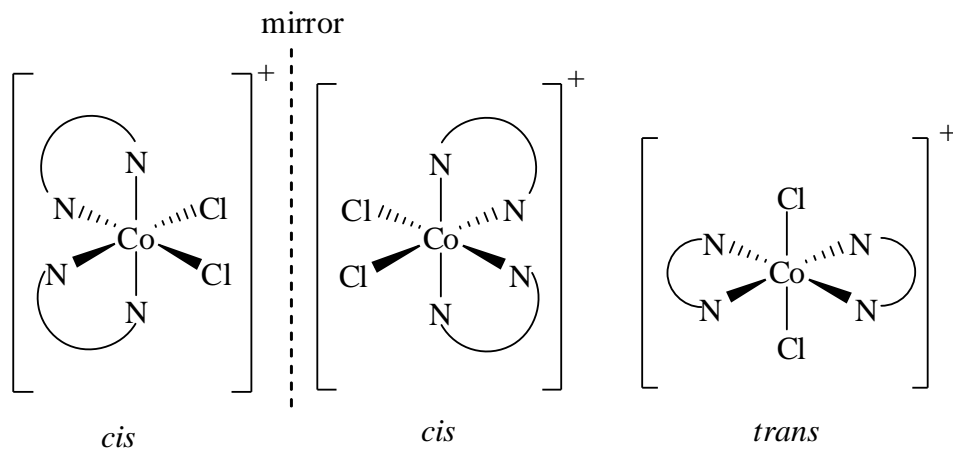


- Draw all possible stereoisomers of the complex ion $[\text{CoCl}_2(\text{en})_2]^+$. Label each as *cis* or *trans*.



dichlorobisethylenediaminecobalt(III) ion

The *cis* isomer is non-superimposable on its mirror image whereas the *trans* isomer is not chiral.