[The video I watched:](https://ed.ted.com/lessons/is-it-possible-to-create-a-perfect-vacuum-rolf-landua-and-anais-rassat/review_open#question-2)

Is it possible to create a perfect vacuum. They say it’s a very hard thing to do. We have also never achieved it because there’s always a couple hundred thousand atoms per cm3. Even the LHC still has some atoms. Even if we were able to get all the atoms and radiation out we’d still have quantum fields.