Hydrogen Absorption and Emission Lines
(The Balmer series)

Red (pink) straw  Level 2 <-> 3  656 nm wavelength
Blue straw        Level 2 <-> 4  486 nm wavelength
Violet straw      Level 2 <-> 5  434 nm wavelength

\[ E(n) \]

\[ n \]

Excited states

Balmer series

--- “H alpha line”

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