

---

**EXAMPLE: Yet more psych properties**

A moist air mixture has the following measured properties

- $T = 86^\circ\text{F}$
- $T_{wb} = 78^\circ\text{F}$
- $P = 14.7 \text{ psia}$

- Find the humidity ratio.
- Find the relative humidity.
- Find the mixture specific enthalpy (per lbm dry air)
- Find the mixture specific volume (per lbm dry air)

---

**EXAMPLE:** This one is harder than it looks

Moist air at 14.7 psia has the following properties:

- $\omega = 0.0031$  (What are the units?)
- $T = 70^\circ\text{F}$

Find the adiabatic saturation temperature.