I chose to use Reigon B (bounded by x=0, y=sqrt(x), and x=9) and the semicircle as my cross section. The integral to calculate the volume is NavyBluethe integral of OliveGreenthe area of Meloneach sliceBlack.

$$
\begin{aligned}
&NavyBlue\int_0^9 OliveGreen\pi Melonr_x OliveGreen^2 NavyBluedx \\
=&NavyBlue\int_0^9 OliveGreen\pi Melon\left(\frac{\sqrt{x}}{2}\right) OliveGreen^2 NavyBluedx \\
=&\frac{\pi}{4}\int_0^9 xdx \\
=&\frac{\pi}{8}9^2 \\
=&\boxed{\frac{81\pi}{8}}
\end{aligned}
$$

This value is corroborated to four decimal points using the slice generator. The final model can be Bluedownloaded Black and viewed in BlueOpenSCAD Black or seen here: