

This geometric representation of the James Webb Space Telescope (JWST) is just 65% of the size of one mirror segment of the 18 total.

The mirrors are made of beryllium covered with 100 nm of gold. Gold reflects infra-red light better than silver.

Overall JWST's primary mirror is 6.5 meters wide, $f / 20$ with a focal length of 131.4 m and surface area of 27 square meters.

