

Golden Ratio Face Check

One photo, five facial proportions. For each one you get the measured value, the target this page uses, the tolerance band, the deviation from the target, and how close that is on a 0–100 scale. The model runs in your browser and the photo is never uploaded.

The five ratios, and what this page targets

Every number below is this page's own heuristic, chosen and published by us. **None of it is a published clinical, medical or official standard**, and nothing here is copied from another tool.

Ratio	Measured between	Target	Tolerance	Where the target comes from
Face length ÷ cheekbone width	landmark 10 → 152, over 234 → 454	1.618	± 0.30	The golden ratio itself (φ)
Forehead width ÷ cheekbone width	landmark 127 → 356, over 234 → 454	0.88	± 0.12	The mean of the seven published profiles in face-shape-ratios.csv
Jaw width ÷ cheekbone width	landmark 172 → 397, over 234 → 454	0.84	± 0.12	The mean of the seven published profiles in face-shape-ratios.csv
Mouth width ÷ nose width	landmark 61 → 291, over 129 → 358	1.618	± 0.25	The golden ratio itself (φ); the wider band is our own choice
Eye spacing ÷ eye width	landmark 133 → 362, over 33 → 133	1.00	± 0.20	The classical "eyes one eye-width apart" spacing

All distances are measured in the pixels of your own photo (scaled by its width and height), so the ratios do not depend on how large the photo is. Landmark numbers refer to the same 468-point face landmark mesh the [face shape detector](#) uses; the index list is in [golden-ratio-landmarks.csv](#).

How the deviation and the proximity number are worked out

1. **value** = segment A ÷ segment B, where A and B are the two landmark pairs in the table above.
2. **deviation** = value – target.
3. **inside the band** when the absolute deviation is less than or equal to the tolerance.
4. **proximity** = $100 \times (1 - |\text{deviation}| \div (2 \times \text{tolerance}))$, clamped to 0–100. It reads 100 on the target and 0 once the ratio is two tolerances away.
5. **mean proximity** = the mean of the five proximity values, rounded to a whole number.

The proximity number is a closeness measure against this page's own targets. It is not a rating, not a probability and not a percentage of anything.

Printed from faceshapehub.com/golden-ratio-face/ — targets and tolerances are this page's own heuristic values.

Built and maintained by one person under the site name **Face Shape Hub**. The [About page](#) explains what this site is and what it deliberately does not do; the [contact page](#) is where wrong results and broken pages get reported.