



You can use this color wheel to estimate the probability that any claim is true based on some new evidence. Start by estimating the probability that the claim is true without taking the new evidence into account. If the claim is "very likely" to be true, place your finger on the blue region in the outermost ring. If the claim is "likely," place your finger on the green region, and so on. Next, estimate the probability that you would see the new evidence if the claim is true. If the evidence is "very likely," move your finger onto the blue region in the second ring. If you are "likely" to see the evidence, move your finger onto the green region, and so on. Next, estimate the probability that you would see the evidence if the claim is NOT true. If you are "very unlikely" to see the evidence, move your finger onto the red region in the third ring, if you are "unlikely," place your finger on the orange region, and so on. Lastly, move your finger onto the adjacent color in the innermost ring. This color indicates the mathematical probability that the claim is true. If the color is blue, the claim is "very likely" to be true. If it is green, the claim is "likely," and so on.

This color wheel uses a branch of mathematics called Bayesian Reasoning, which is used by statisticians in science, medicine, and engineering to rationally weigh evidence. See: https://en.wikipedia.org/wiki/Bayesian_inference for more information about this technique.