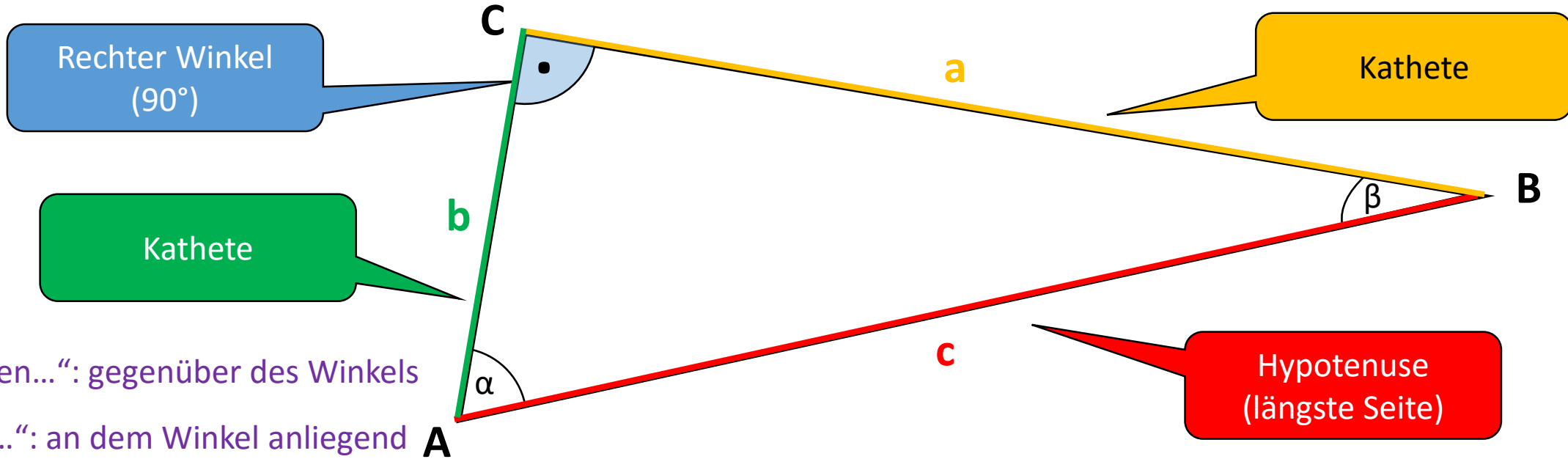


# Streckenverhältnisse in rechtwinkligen Dreiecken



Sinus

Kosinus

Tangens

$$\sin(\text{Winkel}) = \frac{\text{Gegenkathete}}{\text{Hypotenuse}}$$

$$\cos(\text{Winkel}) = \frac{\text{Ankathete}}{\text{Hypotenuse}}$$

$$\tan(\text{Winkel}) = \frac{\text{Gegenkathete}}{\text{Ankathete}}$$

$$\sin(\alpha) = \frac{a}{c}$$

$$\sin(\beta) = \frac{b}{c}$$

$$\cos(\alpha) = \frac{b}{c}$$

$$\cos(\beta) = \frac{a}{c}$$

$$\tan(\alpha) = \frac{a}{b}$$

$$\tan(\beta) = \frac{b}{a}$$

