



Touch Gestures

What is it for?

Imagine trying to open a heavy door, but the rule is you can only use your pinky fingers. For someone with shaky hands, or someone who uses a special typing wand held in their mouth, doing a pinch-to-zoom or a three-finger swipe on a screen is just as hard. If a map app only lets you zoom in by pinching, those users are completely stuck.

How to support it

Always provide a simple, single-finger tap option for every complex action.

- If a map requires pinching to zoom, include standard tap buttons like '+' and '-'.
- If a panel requires swiping, add a visible menu button to tap instead.
- Ensure no vital action relies on twisting, pinching, or multi-finger movements.
- Keep complex gestures as handy shortcuts, but don't make them the only way to get things done.

Useful Links

[W3C - Understanding Pointer Gestures](#)
[WebAIM - Motor Disabilities](#)