



# Accessing iPhone features for Aphasia

Apple continues to adapt and expand to create **new accessibility** features for a **variety of disabilities**. These features are designed to **support speech** and hearing, **cognitive**, vision, and mobility needs. This resource includes some of the **features PWA** have found **most helpful**.

Some of the features presented in the guide are **only available in later IOS** versions or on later device models. If you are **unable** to access the feature, you can **check [Apple's website](#)** to see if the feature is available on your device. You can set the search bar to your IOS version to see what is available.

**Special Note:** **Bryn Bowles**, a young **Aphasia survivor** and staff member of IRAT, shares her **thoughts** about using these features throughout the resource as she uses the features highlighted here daily. Bryn's thoughts will be **highlighted** in a **BLUE** bubble.



## Features:

- Speech to Text
- Live Captions
- Real-Time-Text (RTT)
- Assistive Touch
- One-handed keyboard
- Spoken Content
- Show Reader

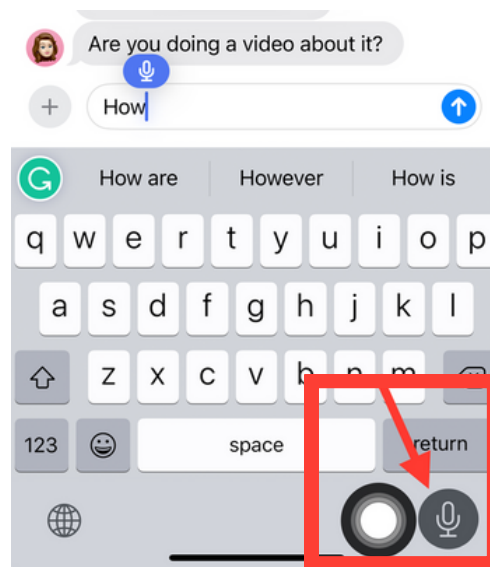
# Speech to Text

## How to Enable:

Speech-to-text is available on nearly all devices. There is **no need to download** a separate app.

## How to Use:

1. Open your **keyboard** in any app (e.g. messaging, safari).
2. Tap the **microphone** on the bottom right of the keyboard once. **Begin speaking.**
3. Once you have **completed** your message, **tap** the microphone **again.**



## Application:

- Use speech to text to **send text** messages **without** needing to **type** or spell.
- Use speech to text when you are **unable to spell** a word. **Speak** the word into the phone and allow the **phone** to **spell it** for you.  
\*\*Take it to the next level - try **copying** the word for additional practice!

## Potential Problems:

If you have **Dysarthria** or **Apraxia**, Alexa or Siri may **not** always **understand** you.

**Google** has been working on "**new technology**" that makes speech recognition more responsive, and voice commands may become more **user-friendly** for people with Aphasia, Apraxia, and Dysarthria. They are using AI to **improve computers'** abilities to **understand** diverse **speech patterns**, such as impaired speech. To Learn more and get involved, click here.

# Live Captions (Beta)

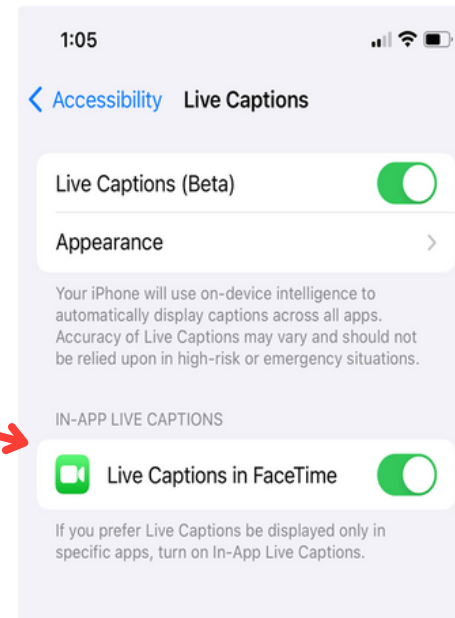
## How to Enable:

Go to **Settings** > **Accessibility** > **Live Captions**, then turn **on** Live Captions (Beta).

To get live captions only for certain apps such as **FaceTime** or **RTT** (real-time Text) turn them on **below In-App Live Captions**.

## How to Use:

When using the **linked** app like Facetime or Real-time Text, the **captions** will **automatically** be **displayed** once they are enabled.



## Application:

- Live Captions will **create subtitles** while you are on the **phone** or **facetime**.

### Bryn's Thoughts



I also use Live Captions for Podcasts!

## Potential Problems:

Live Captions is currently a **Beta feature** on iPhones. This means the feature is in the **testing phases**. Therefore, **not every user** currently has **access** to this feature. Hopefully, it will be available as a permanent feature soon.

# Real-Time Text (RTT)

## How to Enable:

Go to **Settings** > **Accessibility** > **RTT**.  
Turn **on** Software RTT

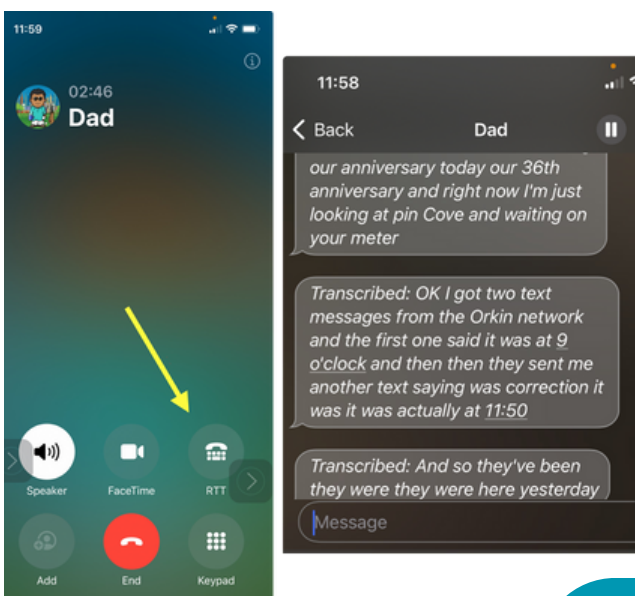
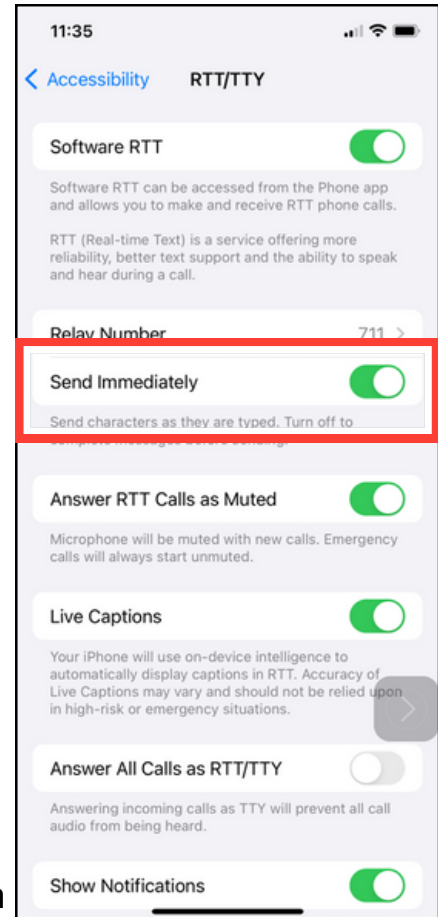
## How to Use:

### Start an RTT or TTY call

1. **Select** the **person** you would like to call.  
Then choose **RTT/TTY Call**.
2. Wait for the call to **connect**, then **tap** the **RTT button**.

### Type text during an RTT or TTY call

1. Tap **Use RTT**, then tap the **RTT button**.
2. Enter your **message** in the text field.
3. If you turned on “**Send Immediately**” in Settings, your recipient sees each character as you type. Otherwise, **tap** the **Send** button to send the message.



**NOTE:** When RTT is enabled on both devices, **no audio** is heard on the call. If you don't hear audio on a call, **tap** the **microphone** icon to enable simultaneous **voice and text**.

## Application:

- RTT allows you to carry on a conversational text via a phone call.



**Bryn's Thoughts**  
**AMAZING!!**

# AssistiveTouch

## How to Enable:

Go to **Settings** > **Accessibility** > **Touch** > AssistiveTouch, then turn **on** AssistiveTouch

## How to Use:

Once enabled, a **button** will be added to your **home screen**. **Tap** the button to **activate** different shortcuts.

## Application:

- AssistiveTouch allows you to **access** features on your phone with **one hand**. You can access menus and controls with the button on your screen rather than using the buttons on your phone.



## Bryn's Thoughts



I use it every day. Sometimes I don't know what it's called so I take **screenshot** on my phone and only need one hand with AssistiveTouch.

# One-handed Keyboard

## How to Enable:

1. Open any app that uses the keyboard, such as messages
2. Touch and hold the globe or emoji keyboard button
3. Tap either the right-handed or left-handed layout, as indicated by the arrow to the side of the keyboard icon

## How to Use:

Once you selected your keyboard, you can use the keyboard as usual.

## Application:

- Following a stroke, many people experience difficulty using one side of their body. This one-handed keyboard allows you to more easily type on your phone using one hand.

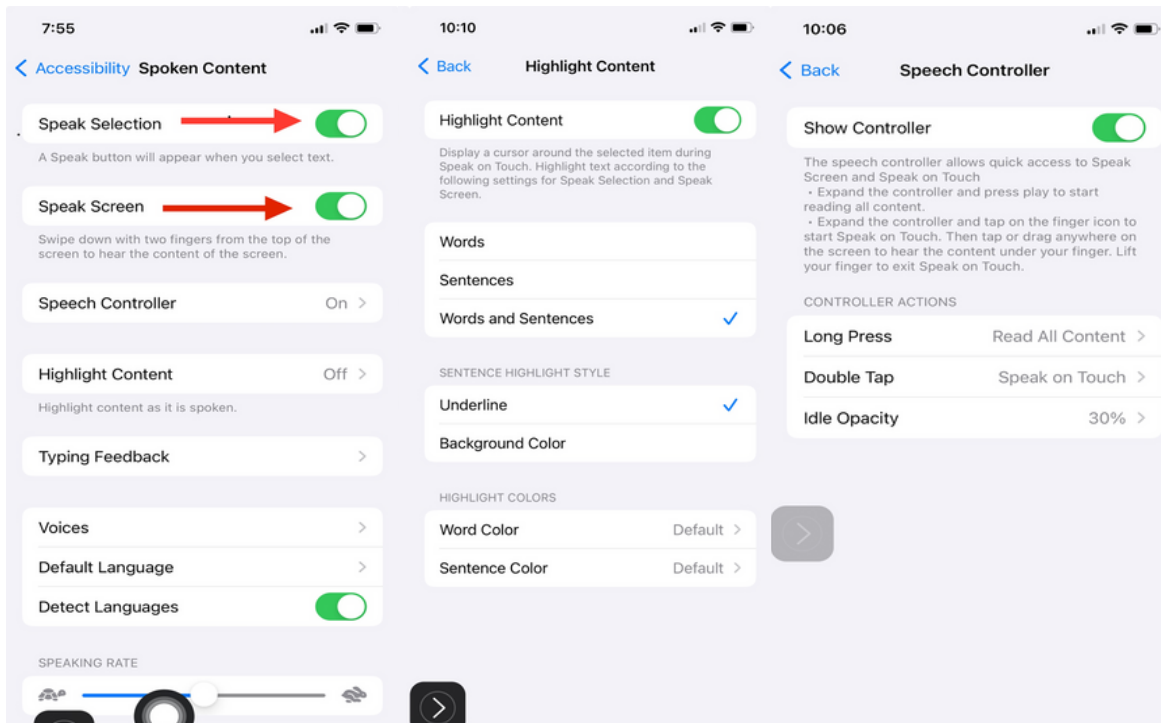


# Spoken Content

## How to Enable:

Go to **Settings** > **Accessibility** > **Spoken Content**

To hear typing predictions: **Settings** > **General** > **Keyboard**, then turn on **Predictive**.



**Speak Selection:** Select what you want spoken.

**Speak Screen:** Have iPhone read everything onscreen.

**Speech Controller:** Quickly access Speak Screen and Speak on Touch when Speak Screen is on.

**Highlight Content:** Move a cursor over words or sentences as you listen.

**Typing Feedback:** Have iPhone speak each character, entire words, autocorrections, autocapitalizations, and typing predictions.

# Spoken Content (Cont.)

## How to Use:

Tap on the text you would like to hear and hit “speak selection.”

## Application:

- Spoken content can be used to assist with reading comprehension. You can hear the text, rather than needing to read it or you can pair reading and listening together to improve comprehension.



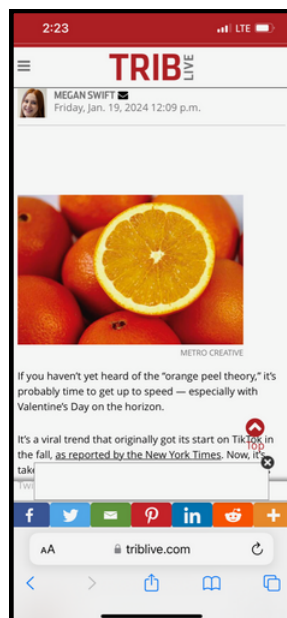
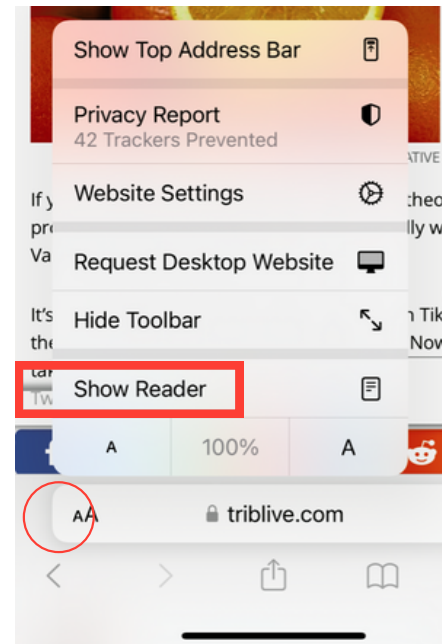
# Show Reader

## How to Enable:

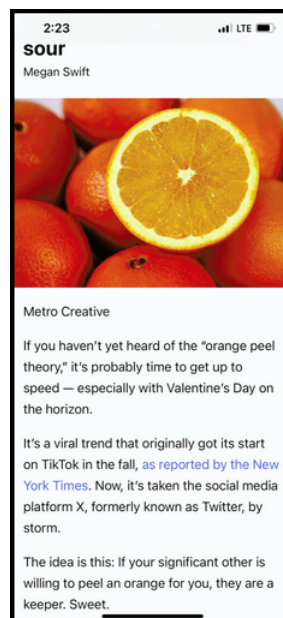
1. When you **open** your **internet** browser to something you want to **read**, tap the **AA** letters next to the web address.
2. Tap “**Show Reader**”

## How to Use:

Once Show Reader is enabled, you **do not** need to do anything else.



**WITHOUT**  
**SHOW READER**



**WITH**  
**SHOW READER**

## Application:

- Show Reader allows you to read text **without** the additional **distractions** of pop-ups or ads. It helps to **improve focus** and therefore, **comprehension**.