Illustration Guidebook Ver.3

IRIAM

©IRIAM Inc.

About This Guide

With IRIAM's Live PNG Streaming Ver. 3, you only need to prepare one illustration, practice moving your eyes and mouth, and then you can live stream as your character!
Currently, it is difficult to support all illustrations perfectly. Recognizability differs depending on the illustration.
We will provide you with basic specifications and specific examples of each part to show how parts should move. This information will be helpful for creating your illustrations.

Basic Specifications

Image Size	Image Format	File Size	Resolution
2000x4000 (width x height) or fewer pixels	**PNG** format using characters with a transparent background only	**20MB or less**	**350 dpi** (recommended)

In addition to the data used for streaming, we recommend also having high-resolution data. Who knows? You might just win an event award where your illustration gets enlarged for creating life-sized (or larger) prints/posters!

Recommended Image Size
5000 - 7000 pixels (height) **2500 - 3500 pixels (width)**

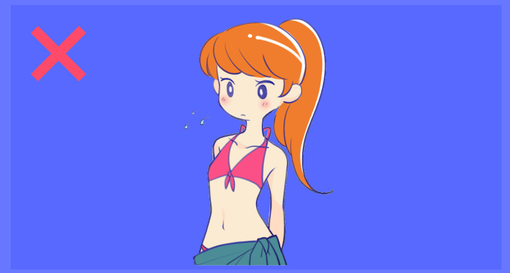
Download Template

IRIAM's Review Criteria

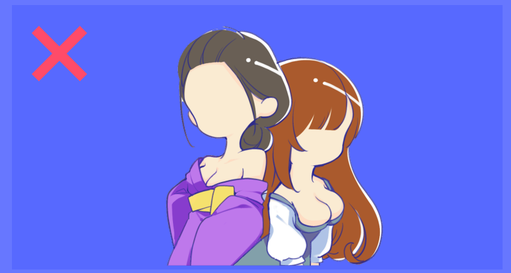
IRIAM prohibits using the following illustrations to ensure everyone enjoys the stream.

- Illustrations that go against public conduct and order
- Illustrations that may offend third parties
- Illustrations that infringe on the rights of third parties
- Illustrations containing personal information such as real names
- Illustrations including images of real people, animals, etc.
- Other illustrations deemed inappropriate by the IRIAM Team

Examples of illustrations that may be deleted



Revealing clothing such as swimsuits



Excessive exposure of the chest area

Sexually suggestive facial expressions and poses

Depictions of children

Key Points for Recognition

Key points to create smooth movement on IRIAM

Head, body, eyes, mouth, & hairstyle

IRIAM's Live PNG Streaming uses specially developed technology. With some examples, we will explain the specifications to create illustrations optimal for smooth movement.

---

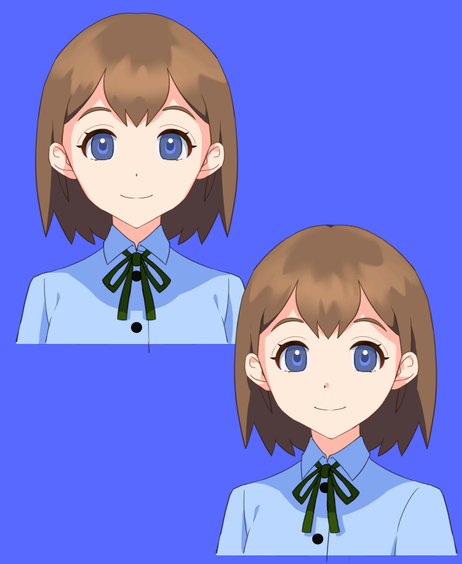
*Please note that due to the nature of IRIAM's Live PNG Streaming, we cannot guarantee your illustration will be recognized 100% even if the following criteria are met.

Head, Body, and Pose

The figure should be about 5-8 heads tall.
The face should be facing forward.
You can pose freely as long as the hands are not covering the face.
Placing sub-characters, dolls, pets, etc., in the figure may affect recognition.

Head, body, and poses that are easy to recognize

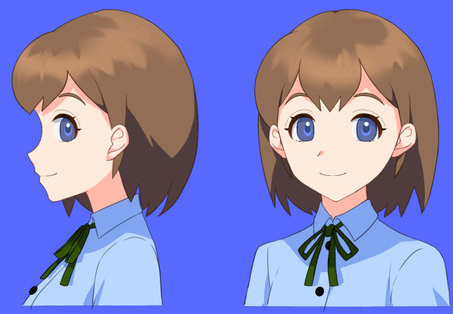
The figure should be about 5 to 8 heads tall.



Head facing directly or almost directly forward.

Head, body, and poses that are hard to recognize

Cannot load chibi characters.



Head turned to the side or angled.

Hairstyle

Avoid hairstyles that cover the eyes and mouth. Long hair is fine as long as it does not cover the face.

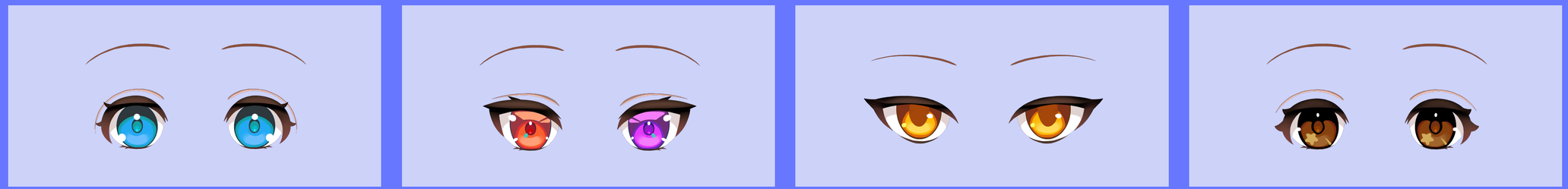
Hairstyles that are easy to recognize

Hairstyles that are hard to recognize

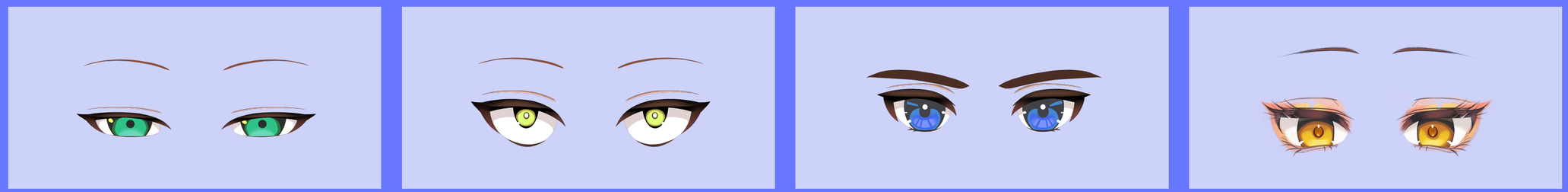
Eyes

Eyeliner and eyelashes should be black or a similarly dark color, the lashes should not be too long, and makeup should be simple.
Ensure that the area between the pupils and white part of the eyes is clear and that the eyes are firmly open. Narrow eyes are difficult to recognize.
The pupils should not be too small compared to the entire eye. Avoid placing the eyebrows and eyes too close together.

Eyes that are easy to recognize



Eyes that are hard to recognize



Narrow eyes are hard to recognize.

Make sure the pupils are not too small compared to the entire eye.

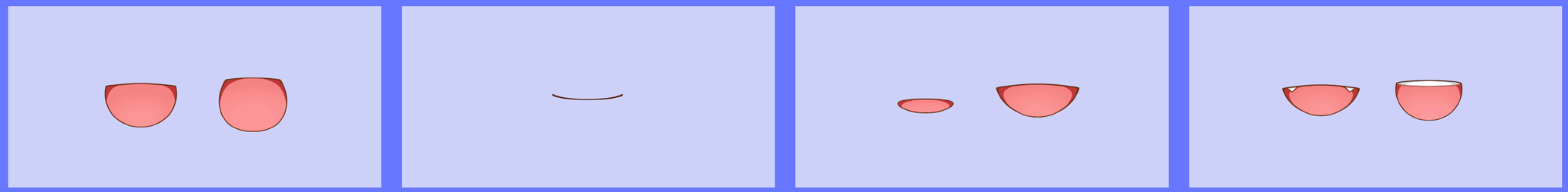
Avoid placing the eyebrows and eyes too close together.

Make sure the eyelashes are not too long and the makeup is simple.

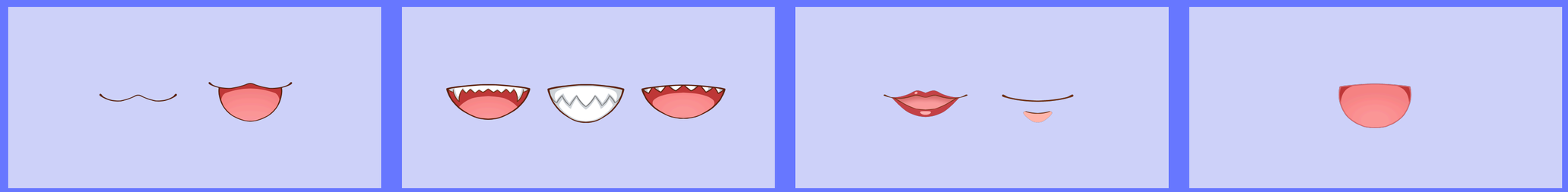
Mouth

A simple expression with a firmly open or closed smiling mouth is easy to recognize. The teeth should either be left out or added sparingly. Shadows or heavy makeup also make it difficult to recognize.

Mouths that are easy to recognize



Mouths that are hard to recognize



Mouths made up of wavy lines can be difficult to recognize.

Teeth should either be left out or added sparingly.

Strong makeup and shadows will make it hard to recognize.

Thin contour lines are difficult to recognize.

Other

- Simple and anime-like styles are easily recognized, while painterly styles are more difficult to recognize.
- Avoid eye-covering glasses or other accessories that cover the eyes or mouth.

Animals will not be recognized.

Avoid accessories that cover the eyes or mouth.

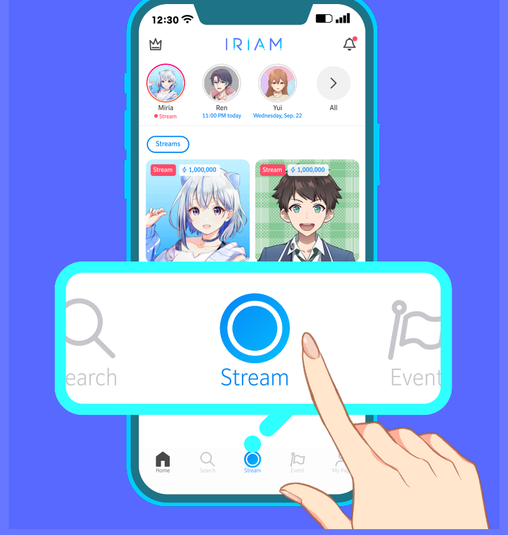
Check App Performance

If you download the IRIAM app, you can check how the illustration will move without streaming. If you are curious about how your character will move, try downloading the app.

Download on the App Store

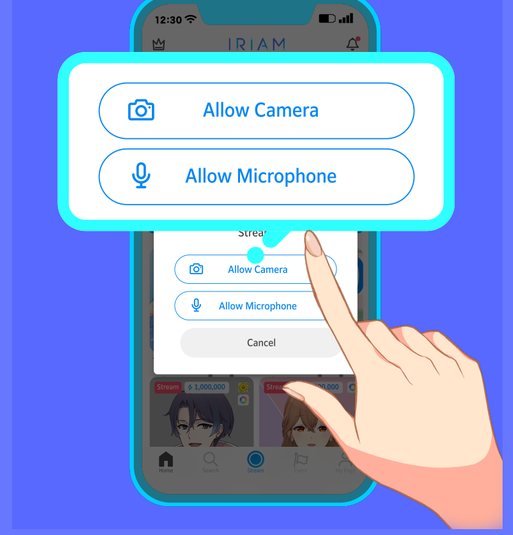
GET IT ON Google Play

How to Upload



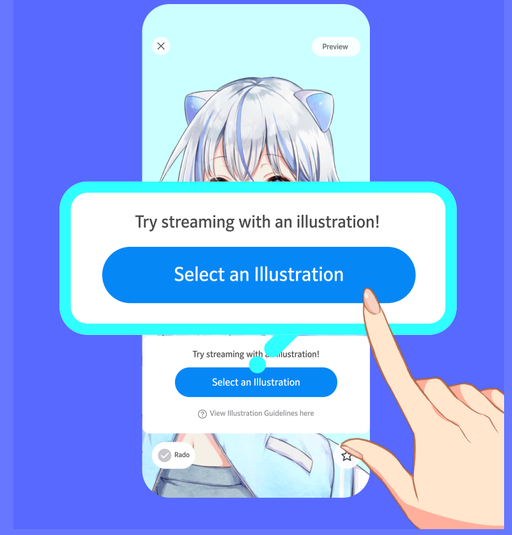
Step 1

Tap the "Stream" button on the home screen.



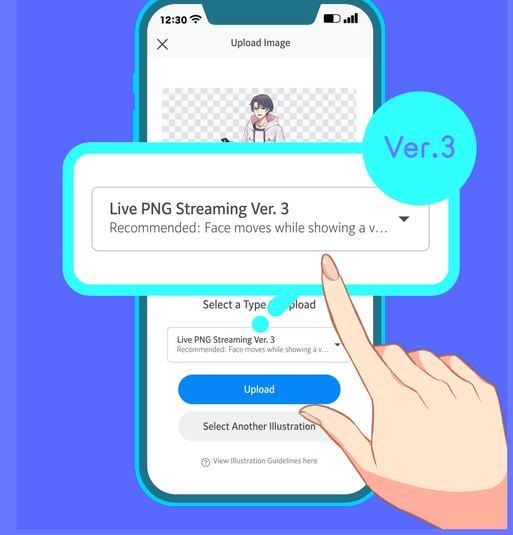
Step 2

Allow access to the camera and microphone.



Step 3

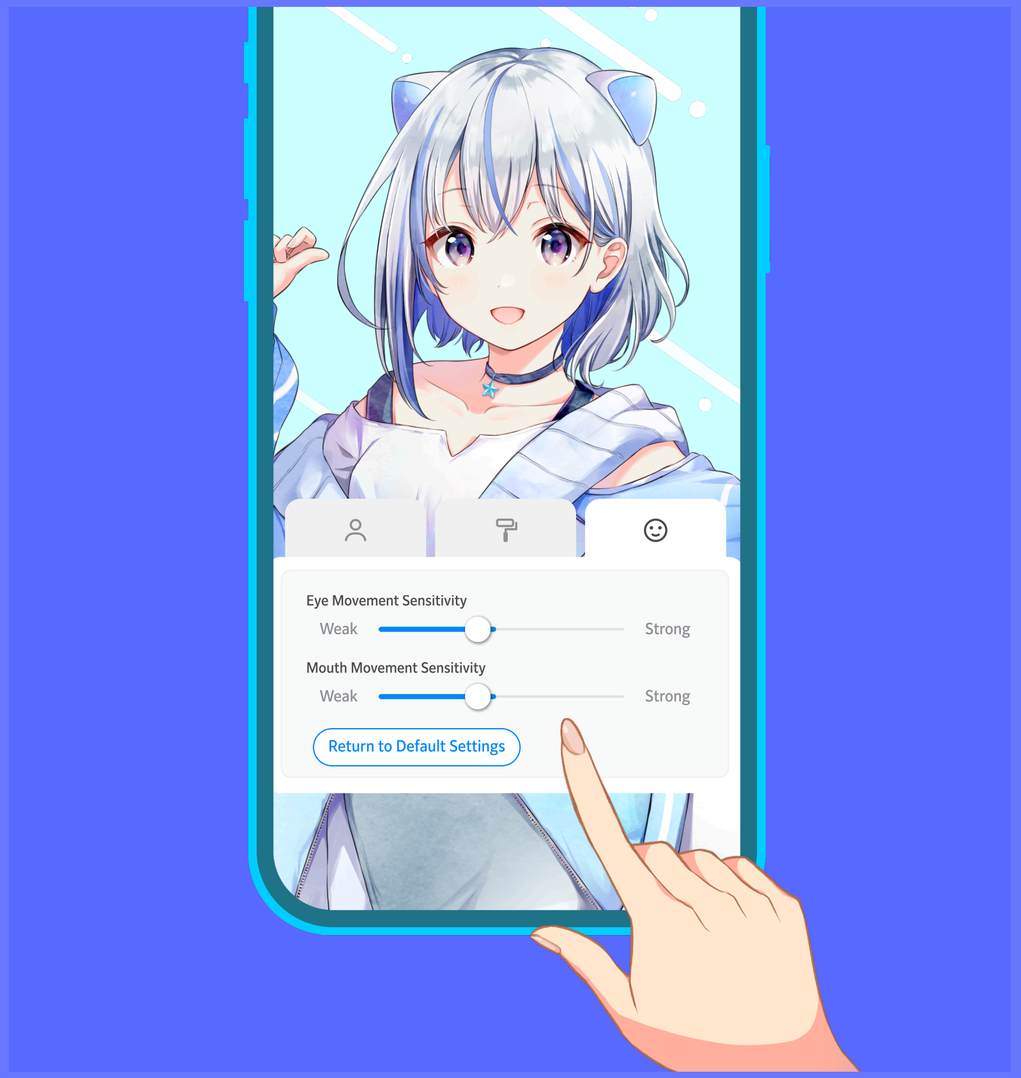
Select an illustration saved on your phone.



Step 4

Select Live PNG Streaming Ver. 3 and upload.

Adjusting Movements



If you do not like how the illustration moves, you can fine-tune it using the "Facial Expression Adjustment" feature. This allows you to adjust mouth movement, pupil movement, and eye widening.

If you do not like the shape of the eyes or mouth, return to upload, change the recognition method (select from Reg, A, or B) and upload again.

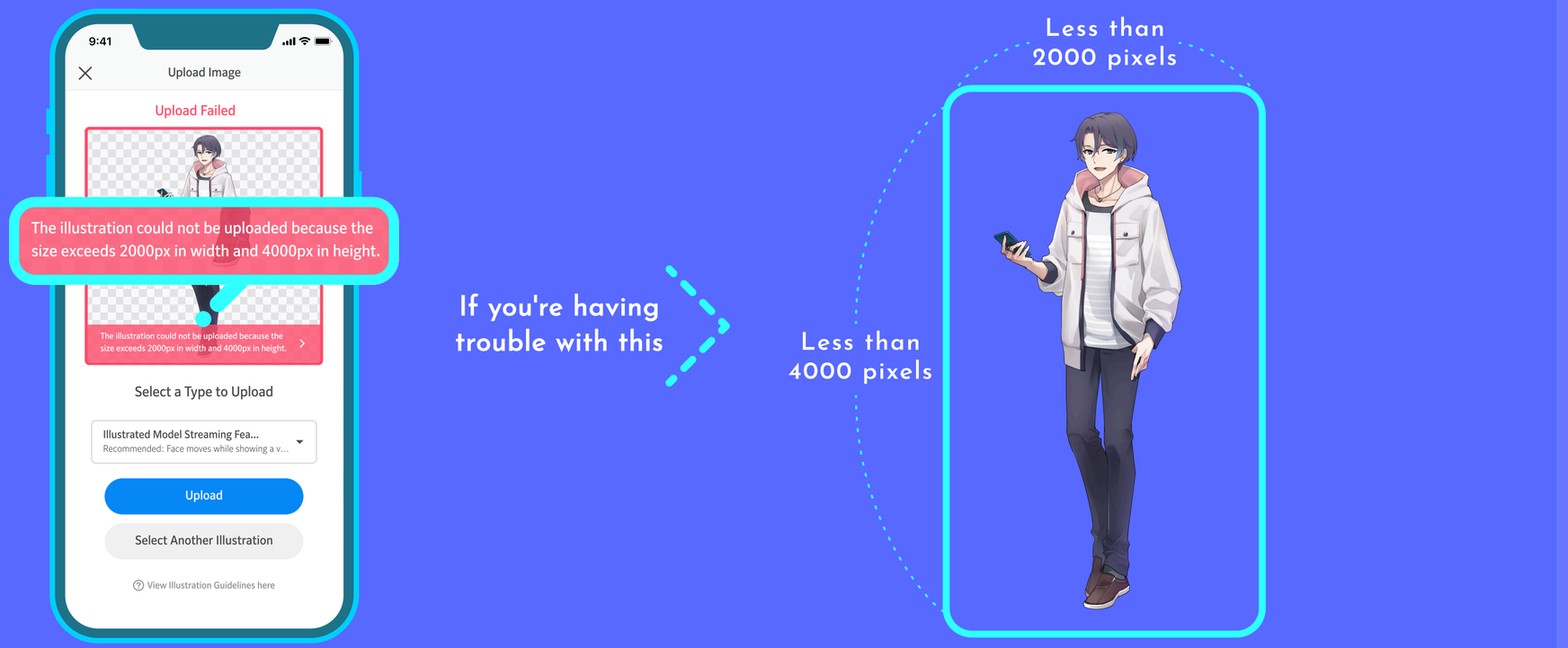
When you have a problem

If your illustration still doesn't work correctly even after following the "Basic Specifications" and "Key Points for Recognition" sections, the points below may provide insight for fixing the issue.

*Please note that even if you make the modifications described below, we cannot guarantee that it will definitely fix the issue.

- You get the prompt: "The upload could not be completed because the size exceeds 2000 (width) x 4000 (height) pixels."
- You get the prompt: "Please make sure both of your character's eyes are opened."
- You get the prompt: "Cannot detect one of the eyelashes."
- Mouth distorts when opening
- One eye disappears when the eyes close
- The lower eyelashes disappear
- As the eyes close, the linework fragments
- The tip of the eyelash at the corner of the eye disappears

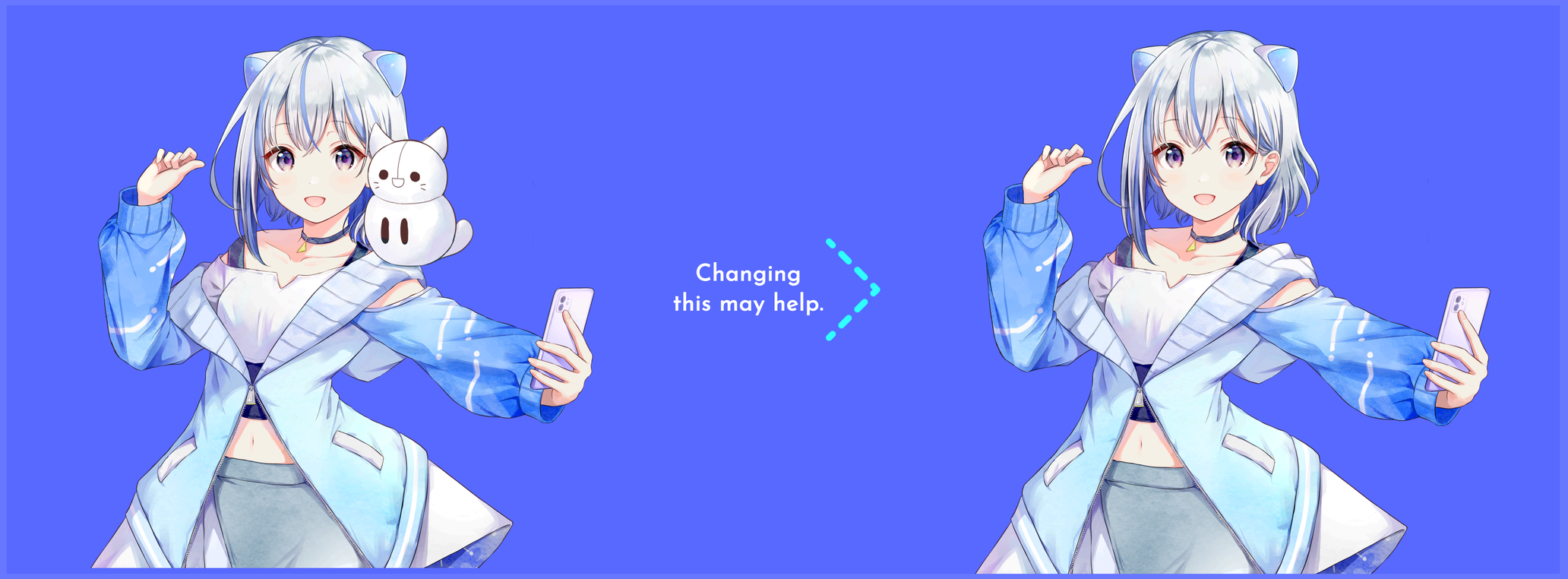
- You get the prompt: "The upload could not be completed because the size exceeds 2000 (width) x 4000 (height) pixels."



The image size exceeds the limit. Please resize the image (change the resolution) to less than 2000 (width) x 4000 (height) pixels and reupload it.

On your smartphone, tablet, or PC, you can change the resolution using image processing tools (i.e., Ibis Paint, CLIP STUDIO PAINT, Photoshop, etc.).

- You get the prompt: "Please make sure both of your character's eyes are opened."

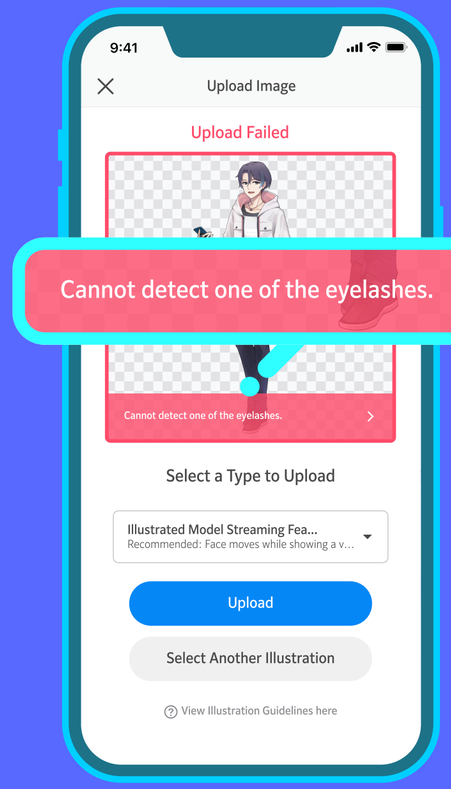


If sub-characters such as stuffed animals or pets are in the illustration, their faces may be affecting recognition.

- Delete sub-characters
- Change the position of sub-characters
- Adjust the closing and opening of sub-characters' eyes

These steps may help the issue.

You get the prompt: "Cannot detect one of the eyelashes."



If you're having trouble with this, check here.

Doing the following may help.

- Darken the eyelashes
- Lighten the shadows around the eyes
- Increase the distance between bangs, side hair, and decorations around the eyes
- Make the border between the pupil and the whites of the eyes clearer
- Make the border between the pupil and eyelashes clearer

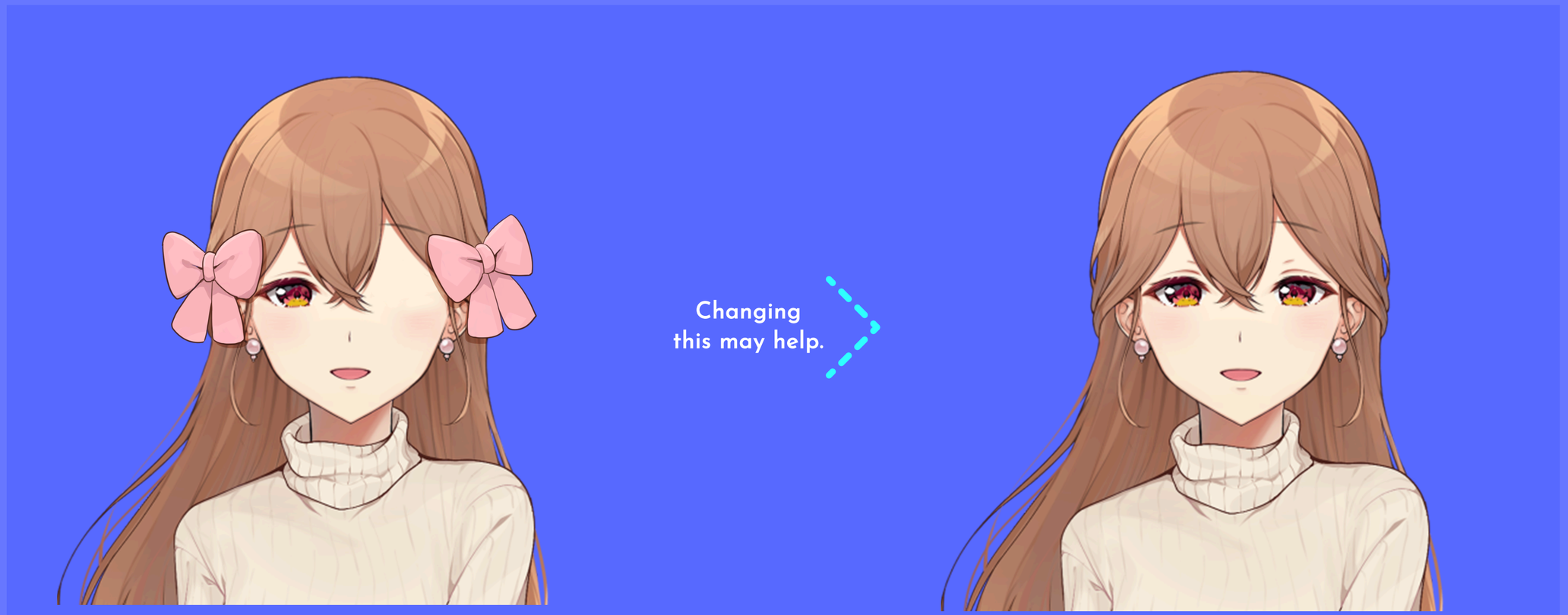
Mouth distorts when opening

If you're having trouble with this, check here.

Doing the following may help.

- Change the recognition method (Reg, A, or B)
- Make the gradation inside the mouth symmetrical
- Reduce the number of teeth
- Increase the distance between the mouth and any hair around the mouth.
- Use an illustration with a closed mouth instead of an open one

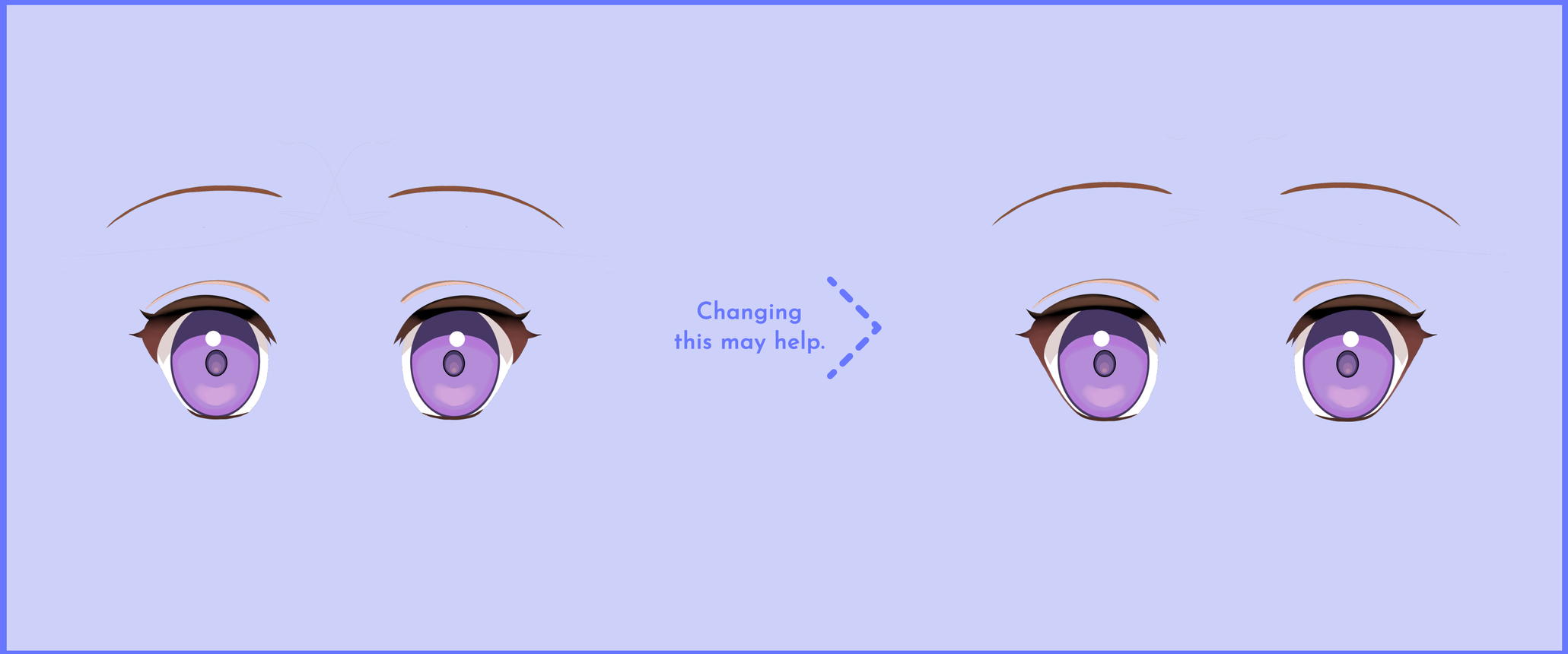
One eye disappears when the eyes close



Doing the following may help.

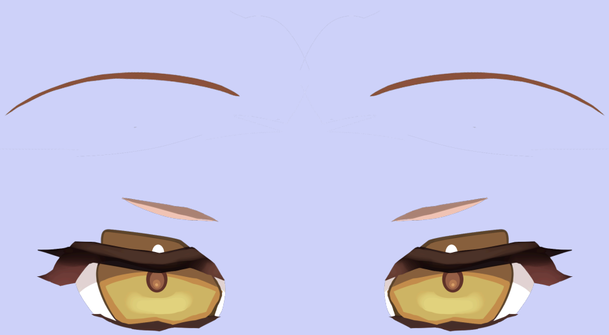
- Change the recognition method (Reg, A, or B)
- Erase or change the size and position of hair ornaments, horns, and other decorations near the eyes

The lower eyelashes disappear



Connecting the upper and lower eyelashes may help.

As the eyes close, the linework fragments

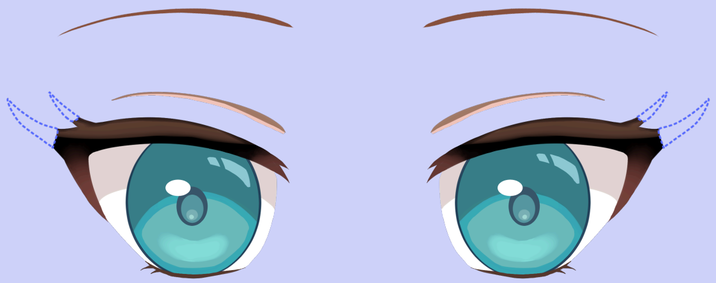


If you're having trouble with this, check here.

Doing the following may help.

- Slightly widen the vertical width of the entire eye
- Reduce the size of the pupil and enlarge the whites of the eye
- Make the shape of the pupil more circular

The tip of the eyelash at the corner of the eye disappears



If you're having trouble with this, check here.

Doing the following may help.

- Make the tip of the eyelash an obtuse angle
- Increase the distance between the eyelashes and any hair near the eyelashes

IRIAM

Illustration Guidebook Ver.3