

how to put mp4 on website using markdown

ChatGPT said:

ChatGPT

Markdown itself doesn't support embedding MP4 videos directly, but you can achieve it in different ways depending on your setup:

1. Using HTML in Markdown

Most Markdown parsers allow raw HTML, so you can use the `<video>` tag:

markdown

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```
<video width="640" height="360" controls>
  <source src="video.mp4" type="video/mp4">
  Your browser does not support the video tag.
</video>
```

This will embed the MP4 video with controls.

2. Using a Direct Link (Basic Markdown)

If you just want a link to download or open the video:

markdown

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```
[Download Video](video.mp4)
```

3. Using an External Video Host (e.g., YouTube, Vimeo)

If you upload the video to a hosting service, you can embed it:

markdown

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```
[![Video
Title](https://img.youtube.com/vi/VIDEO_ID/0.jpg)](https://www.youtube
.com/watch?v=VIDEO_ID)
```

Or use an iframe (for MkDocs or platforms that support it):

markdown

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```
<iframe width="640" height="360"
src="https://www.youtube.com/embed/VIDEO_ID" frameborder="0"
allowfullscreen></iframe>
```

For MkDocs

If you're using MkDocs for your GitLab website, HTML should work fine, but check your Markdown renderer (e.g., `mkdocs-material` allows HTML embedding).

Would you like the video to be playable directly, or just linked?

4o

You said:

The video is a video I took, not from online

ChatGPT said:

ChatGPT

Since your video is a local MP4 file, you can embed it directly into your MkDocs website using HTML inside Markdown. Here's how to do it:

1. Place the MP4 in Your MkDocs `docs` Folder

Move your video file (e.g., `myvideo.mp4`) into your `docs` directory so it gets included when you build the site.

2. Use the `<video>` Tag in Your Markdown File

In your `.md` file, add:

markdown

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```
<video width="640" height="360" controls>
  <source src="myvideo.mp4" type="video/mp4">
  Your browser does not support the video tag.
</video>
```

3. Adjust the Path if Needed

If the video is inside a subfolder (e.g., `docs/videos`), update the path:

markdown

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```
<video width="640" height="360" controls>
  <source src="videos/myvideo.mp4" type="video/mp4">
  Your browser does not support the video tag.
</video>
```

•

4. Build and Serve

After adding the video, rebuild your MkDocs site:

sh

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```
mkdocs build
```

```
mkdocs serve
```

Then, check if the video plays correctly.

Let me know if you need help troubleshooting! 🚀

4o

You said:

what does it mean by your browser does not support video tag

ChatGPT said:

ChatGPT

The message "**Your browser does not support the video tag.**" appears when a browser doesn't recognize or support the `<video>` element. However, modern browsers (Chrome, Firefox, Edge, Safari) **do** support it, so this message usually means one of the following issues:

Possible Causes & Fixes

1. Incorrect File Path

If the video file is missing or in the wrong location, the browser can't find it.

✅ **Fix:** Ensure the correct file path. If the video is in a `videos` folder inside `docs`, use:

html

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```
<video width="640" height="360" controls>
  <source src="videos/myvideo.mp4" type="video/mp4">
  Your browser does not support the video tag.
</video>
```

Also, try opening the MP4 directly in your browser
(<http://localhost:8000/videos/myvideo.mp4>) to check if it loads.

2. Unsupported Video Format

Some browsers have trouble with certain MP4 encodings.

✅ **Fix:** Convert your video to a widely supported format (H.264 codec for MP4) using a tool like:

```
sh
CopyEdit
ffmpeg -i myvideo.mp4 -vcodec libx264 -acodec aac
myvideo_converted.mp4
```

3. MkDocs Not Copying Video File

If you're using MkDocs, it might not include your MP4 in the final site.

✅ **Fix:**

- Ensure the video is inside the `docs/` folder (e.g., `docs/videos/myvideo.mp4`).
- Add `extra_css:` in `mkdocs.yml` if needed.

Try running:

```
sh
CopyEdit
mkdocs serve
```

- Then check if the file is in the output directory (`site/videos/myvideo.mp4`).

4. CORS Issues (If Hosted Online)

If your site is hosted (e.g., GitLab Pages), the browser may block the video due to Cross-Origin Resource Sharing (CORS) settings.

✅ **Fix:**

- Ensure the web server allows MP4 files to be served.
- If using GitLab Pages, add a `.gitlab-ci.yml` rule to include static assets.

Let me know if you're still running into issues! 🚀

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You said:

what exactly do I type in?

ChatGPT said:

ChatGPT

To embed your MP4 video correctly in MkDocs, follow these steps exactly:

1. Move Your Video to the **docs/** Folder

Inside your MkDocs project, place your video inside the **docs/** directory.

For example, if your MkDocs structure looks like this:

```
perl
CopyEdit
my-mkdocs-project/
|— docs/
|   |— index.md
|   |— videos/
|       |— myvideo.mp4
|— mkdocs.yml
```

Your video file **myvideo.mp4** should be in **docs/videos/**.

2. Add This Code to Your Markdown File

Open the Markdown file where you want to embed the video (e.g., **index.md**) and add:

```
markdown
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<video width="640" height="360" controls>
  <source src="videos/myvideo.mp4" type="video/mp4">
  Your browser does not support the video tag.
</video>
```

This ensures the video is referenced correctly.

3. Run MkDocs Locally to Test

In your MkDocs project folder, run:

```
sh
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mkdocs serve
```

Then, open <http://127.0.0.1:8000/> in your browser and check if the video plays.

4. If the Video Doesn't Show

If the video doesn't appear, check:

1. **File Path:** Try opening <http://127.0.0.1:8000/videos/myvideo.mp4> directly in your browser. If it says "File not found," your video isn't in the right location.

Video Encoding: Convert the video using:

```
sh
CopyEdit
ffmpeg -i myvideo.mp4 -vcodec libx264 -acodec aac
myvideo_converted.mp4
```

2. Then replace [myvideo.mp4](#) with [myvideo_converted.mp4](#).
-

5. Deploy to GitLab Pages

If you're hosting on **GitLab Pages**, make sure `mkdocs.yml` includes:

```
yaml
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site_dir: public
```

Then push your changes to GitLab, and the video should work on your live site.

Let me know if anything isn't working! 🚀

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You said:

What is wrong? `<video width="640" height="360" controls> <source src="../images/week02/clothmonkeyrecording.mp4">` Your browser does not support the video tag. `</video>`

ChatGPT said:

ChatGPT

Your video is not showing because of an issue with the **file path**. The `src="../images/week02/clothmonkeyrecording.mp4"` is incorrect for MkDocs. Here's what you need to fix:

1. Move the Video to the `docs/` Directory

MkDocs **only includes files inside the `docs/` folder** when building the site. If your video is currently in `images/week02/clothmonkeyrecording.mp4`, make sure it is inside the `docs/` directory.

Correct Folder Structure (Inside `docs/`)

```
pgsql
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mkdocs-project/
|— docs/
|   |— index.md
|   |— images/
|       |— week02/
|           |— clothmonkeyrecording.mp4
|— mkdocs.yml
```

2. Correct the File Path in Markdown

Since MkDocs serves files **relative to `docs/`**, **remove `../`** and use:

markdown

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```
<video width="640" height="360" controls>
```

```
<source src="images/week02/clothmonkeyrecording.mp4"
type="video/mp4">
  Your browser does not support the video tag.
</video>
```

3. Serve MkDocs Locally to Test

Run:

```
sh
CopyEdit
mkdocs serve
```

Then visit <http://127.0.0.1:8000/> and check if the video loads.

4. Test the Video URL Directly

To verify the file exists, try opening the video URL in your browser:

```
bash
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http://127.0.0.1:8000/images/week02/clothmonkeyrecording.mp4
```

- **If it loads:** The video should work.
 - **If it gives a 404 error:** The file isn't in the right location.
-

5. If the Video Still Doesn't Play

Try converting the video in case of format issues:

```
sh
CopyEdit
ffmpeg -i clothmonkeyrecording.mp4 -vcodec libx264 -acodec aac
clothmonkeyrecording_fixed.mp4
```


Then update your Markdown file to reference `clothmonkeyrecording_fixed.mp4`.

Final Check

- Make sure the video is inside `docs/`.
- Use a relative path without `../`.
- Test the video URL in the browser.

Let me know if you need more help! 🚀