

Output Formats

This example demonstrates multi-format output: PDF, SVG, and PNG.

Feature Configuration

In your `Cargo.toml`, configure output formats using features:

```
1 [dependencies] toml
2 # Default: PDF only
3 typst-bake = "0.1"
4
5 # Add SVG support
6 typst-bake = { version = "0.1", features = ["svg"] }
7
8 # Add PNG support
9 typst-bake = { version = "0.1", features = ["png"] }
10
11 # All formats (pdf + svg + png)
12 typst-bake = { version = "0.1", features = ["full"] }
13
14 # SVG only (disable default PDF)
15 typst-bake = { version = "0.1", default-features = false, features = ["svg"] }
```

Output Behavior

PDF outputs all pages as a single file:

- `output.pdf` (contains all pages)

SVG and **PNG** return a `Vec` with one item per page:

- Save each page individually (e.g., `output_1.svg`, `output_1.png`, ...)

Page Selection

Use `select_pages()` to output only specific pages (0-indexed):

```
1 // Select specific pages by array Rust
2 let pdf = doc.select_pages([0, 2, 4]).to_pdf()?;
3
4 // Select a range of pages
5 let svgs = doc.select_pages(0..3).to_svg()?;
```

Use `page_count()` to dynamically determine how many pages exist:

```
1 let count = doc.page_count()?; Rust
2 let last_page = doc.select_pages([count - 1]).to_png(144.0)?;
```

You can reuse the same document with different selections:

```
1 let doc = typst_bake::document!("main.typ"); Rust
2 let cover = doc.select_pages([0]).to_pdf()?;
3 let body = doc.select_pages(1..5).to_pdf()?;
```

PNG Resolution

PNG requires a DPI (dots per inch) setting:

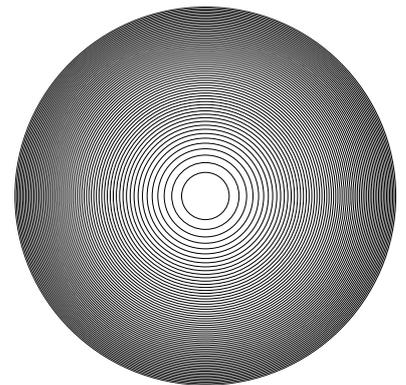
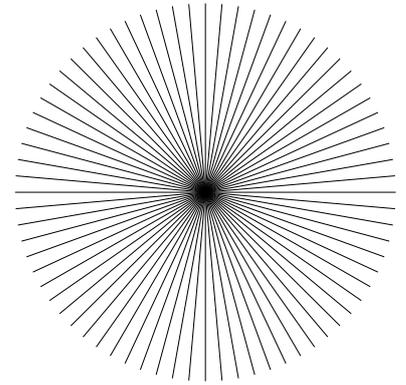
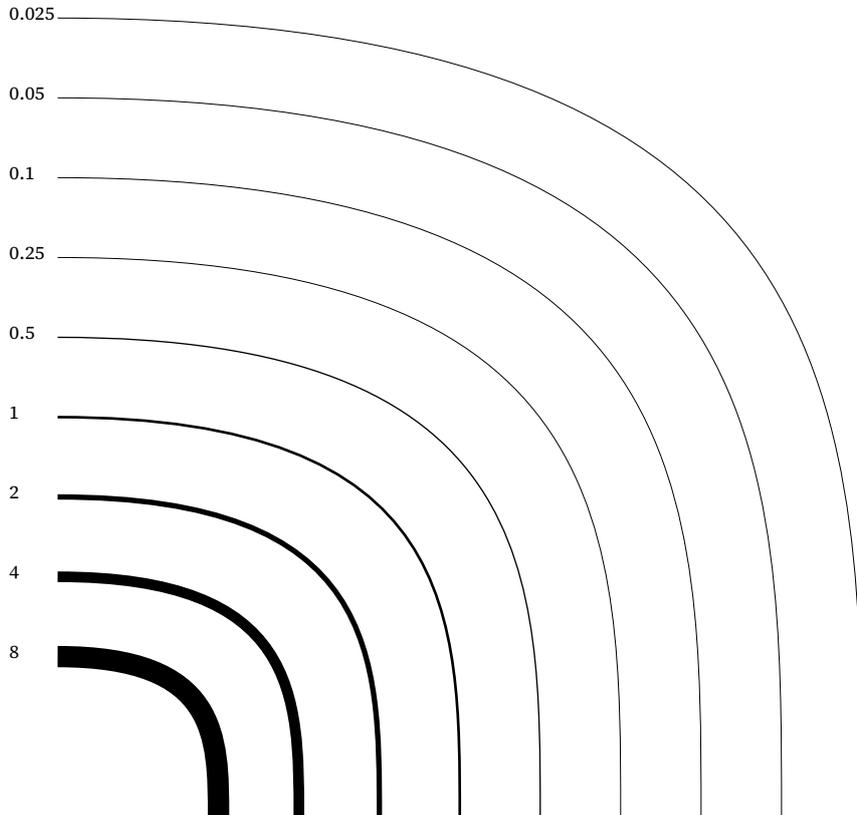
```
1 // 72 DPI (standard)
2 let pngs = doc.to_png(72.0)?;
3
4 // 144 DPI (2x)
5 let pngs = doc.to_png(144.0)?;
6
7 // 300 DPI (print quality)
8 let pngs = doc.to_png(300.0)?;
```



Note

The last page includes test patterns to evaluate PDF/SVG/PNG rendering differences.

Rendering Test Patterns



3pt: The quick brown fox jumps over the lazy dog

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4pt: The quick brown fox jumps over the lazy dog

5pt: The quick brown fox jumps over the lazy dog

6pt: The quick brown fox jumps over the lazy dog

7pt: The quick brown fox jumps over the lazy dog

8pt: The quick brown fox jumps over the lazy dog

9pt: The quick brown fox jumps over the lazy dog

10pt: The quick brown fox jumps over the lazy dog

12pt: The quick brown fox jumps over the lazy dog

14pt: The quick brown fox jumps over the lazy dog

18pt: The quick brown fox jumps over the lazy dog

24pt: The quick brown fox jumps over the

36pt: The quick brown fox