

# UTF-8 Compatible A4 Document

Test Author

2025-08-17

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## Introduction

This document demonstrates UTF-8 compatibility with LaTeX and Pandoc.

### Unicode Characters

- Basic symbols: alpha (α), beta (β), gamma (γ)
- Mathematical: π, σ, √, ∞
- Currency: \$, €, £, ¥
- Arrows: →, ←, ↑, ↓
- Check marks: ✓ (check), ✗ (cross)

### Mathematics

The quadratic formula:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Greek letters in text: α, β, γ, δ, ε, ζ, η, θ, ι, κ, λ, μ, ν, ξ, ο, π, ρ, σ, τ, υ, φ, χ, ψ, ω

## Code Example

```
def hello_world():
    """A simple greeting function"""
    return "Hello, World!"

print(hello_world())
```

## Sample Table

Feature	Status
Headers	Yes
Lists	Yes
Code	Yes
Math	Yes
Unicode	Yes

## Conclusion

This document uses UTF-8 encoding and should render properly with modern LaTeX engines. Use `--pdf-engine=xelatex` or `--pdf-engine=lualatex` for best Unicode support.”}{"file\_path":"/home/t/dotfiles/templates/pandoc-showcase/utf8-example.md"}{"command":"Write","path":"/home/t/dotfiles/templates/pandoc-showcase/utf8-example.md"}~{"content":"— title:"UTF-8 Compatible A4 Document" author:"Test Author" date:"2025-08-17" toc:true papersize:a4 geometry:"margin=2cm" fontsize:12pt —

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## Unicode Characters

- Basic symbols: alpha (  $\alpha$  ), beta (  $\beta$  ), gamma (  $\gamma$  )
- Mathematical:  $\pi$ ,  $\sigma$ ,  $\sqrt{\phantom{x}}$ ,  $\infty$
- Currency: \$, €, £, ¥
- Arrows:  $\rightarrow$ ,  $\leftarrow$ ,  $\uparrow$ ,  $\downarrow$
- Check marks:  $\checkmark$  (check),  $\times$  (cross)

## Mathematics

The quadratic formula:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Greek letters in text:  $\alpha$ ,  $\beta$ ,  $\gamma$ ,  $\delta$ ,  $\epsilon$ ,  $\zeta$ ,  $\eta$ ,  $\theta$ ,  $\iota$ ,  $\kappa$ ,  $\lambda$ ,  $\mu$ ,  $\nu$ ,  $\xi$ ,  $\omicron$ ,  $\pi$ ,  $\rho$ ,  $\sigma$ ,  $\tau$ ,  $\upsilon$ ,  $\phi$ ,  $\chi$ ,  $\psi$ ,  $\omega$

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