

# Thru My Lens - Photography Website Design Document

## Overview

**Website:** <https://rosy.shitchell.com/photography/> **Purpose:** Personal photography portfolio showcasing nature and city photography **Style:** Elegant, minimal, warm aesthetic with focus on the photos

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## Color Palette

Name	Hex Code	Usage
Background	#f5f0eb	Page background - warm cream/off-white
Ink	#2c2825	Primary text, headings
Ink Light	#5a534d	Secondary text, navigation, title
Ink Faint	#8a847d	Subtle text, placeholders
Accent	#7a6348	Links, buttons, highlights - warm brown

## Color Philosophy

The palette uses warm, muted earth tones that complement photography without competing with it. The cream background (#f5f0eb) provides a gallery-like feel while being easier on the eyes than pure white.

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## Typography

### Fonts

- Cormorant Garamond** (Google Fonts)
  - Used for: Site title, section titles, navigation, captions
  - Weights: 300 (light), 400 (regular), 500 (medium)
  - Style: Often italic for elegance
- Montserrat** (Google Fonts)
  - Used for: Body text, buttons, UI elements
  - Weights: 300 (light), 400 (regular), 500 (medium)

### Font Sizes

Element	Size
Site Title	clamp(1.8rem, 5vw, 2.5rem)
Section Title	clamp(2rem, 5vw, 3rem)
Navigation	1.1rem
Body Text	1rem (16px default)
Small Text	0.9rem
Footer	0.85rem

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# Layout Structure


HEADER
"Thru Lens"
NAV: Nature   City   About
NATURE SECTION
Photo   Photo   Photo   Photo
Photo   Photo   Photo
[X photos · Add more]
CITY SECTION
Photo   Photo   Photo   Photo
[X photos · Add more]
ABOUT SECTION
"Light falls softly on quiet corners, and I try to hold it still..."
— Rosy
FOOTER
© 2025 Rosy · Upload Photos

## Responsive Grid

- **Photo Grid:** repeat(auto-fill, minmax(280px, 1fr))
- **Gap:** 20px (25px in reorder mode)
- **Max Width:** 1400px (centered)
- **Padding:** 60px vertical, 30px horizontal (40px/20px on mobile)

## Components

### 1. Photo Frame

[...] <- menu button
PHOTO

Photo Title (on hover)

**Specifications:** - Aspect ratio: 1:1 (square) - Border radius: 8px - Box shadow: 0 4px 15px rgba(0,0,0,0.1) - Hover effect: translateY(-5px), shadow increases - Image: object-fit: cover with scale(1.05) on hover

## 2. Action Menu (⋮)

Dropdown menu appears on photo hover:

```
+-----+
|  Edit Title  |
|  Replace    |
|  Rearrange   |
|-----|
|  × Delete   | (red)
+-----+
```

**Specifications:** - Toggle button: 36px circle, white background - Dropdown: white, 8px border-radius, shadow - Menu items: 12px/15px padding, hover background - Delete item: red text (#c0392b)

## 3. Navigation Bar

- Sticky positioning (top: 0)
- Backdrop blur effect (blur(12px))
- Semi-transparent background
- Border top/bottom: 1px solid rgba(0,0,0,0.08)

## 4. Lightbox

Full-screen photo viewer: - Dark overlay: rgba(20, 18, 16, 0.95) - Navigation arrows on sides - Caption below image - Close button (×) top-right - Keyboard support: Arrow keys, Escape

## 5. Modals

Used for: Edit Title, Replace Photo, Delete, Rearrange Password

```
+-----+
| Modal Title |
|             |
| [Form fields] |
|             |
| [Cancel] [Primary Action] |
+-----+
```

**Specifications:** - Background overlay: rgba(0,0,0,0.8) - Content: cream background, 30px padding, 12px border-radius - Max width: 400px - Buttons: 10px padding, 6px border-radius

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# Interactive Features

## 1. Drag & Drop Reorder

- Enter mode via menu → “Rearrange” → password
- Photos become draggable
- Visual feedback:
  - Dragging photo: 50% opacity, scale(0.95)
  - Drop target: scale(1.02), accent border
- Floating banner at bottom: “Save Order” / “Cancel”

## 2. Photo Replace

- Shows old photo → new photo preview
- File input with drag-drop styling
- Preserves original title/metadata

### 3. Hover Effects

Element	Effect
Photo frame	Lift up 5px, shadow increases
Photo image	Scale 1.05
Photo caption	Fade in from bottom
Menu button	Scale 1.1
Nav links	Color change to accent

## File Structure

```
/var/www/rosy.shitchell.com/srv/  
├── web/  
│   ├── photography/  
│   │   ├── index.html          # Main gallery page  
│   │   ├── upload.html        # Upload interface  
│   │   └── uploads/  
│   │       ├── landscapes/     # Nature photos  
│   │       └── historic/       # City photos  
└── upload-api/  
    ├── server.js               # Node.js API server  
    ├── Dockerfile  
    └── docker-compose.yml
```

## API Endpoints

Method	Endpoint	Purpose
GET	/upload-api/photos	List all photos with metadata
POST	/upload-api/upload	Upload new photo
POST	/upload-api/edit	Edit photo title
POST	/upload-api/replace	Replace photo with new image
POST	/upload-api/delete	Delete photo
POST	/upload-api/reorder	Save new photo order

All POST endpoints require password authentication.

## Responsive Breakpoints

### Mobile (max-width: 768px)

- Header padding reduced
- Navigation gap: 25px (from 40px)
- Section padding: 40px 20px
- Photo grid: minmax(200px, 1fr)
- Grid gap: 15px

## CSS Variables

```
:root {  
  --bg: #f5f0eb;  
  --ink: #2c2825;  
  --ink-light: #5a534d;  
  --ink-faint: #8a847d;  
  --accent: #7a6348;  
}
```

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## Animation Timings

Element	Property	Duration
Photo frame	transform, box-shadow	0.3s
Photo image	transform	0.5s
Caption fade	opacity	0.3s
Menu dropdown	opacity, transform	0.2s
Nav links	color	0.3s

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## Accessibility Notes

- All images have alt text (photo title)
  - Keyboard navigation for lightbox (arrows, escape)
  - Focus states on interactive elements
  - Sufficient color contrast for text
  - `loading="lazy"` on images for performance
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## Future Enhancement Ideas

1. **Categories** - Add more gallery sections
  2. **Search/Filter** - Filter photos by title or date
  3. **EXIF Data** - Display camera settings
  4. **Social Sharing** - Share buttons for individual photos
  5. **Comments** - Allow visitor comments
  6. **Dark Mode** - Toggle between light/dark themes
  7. **Slideshow** - Auto-advancing lightbox mode
  8. **Download** - Allow high-res downloads
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*Document created: December 2024 Website:*  
<https://rosy.shitchell.com/photography/>