

## **LL#4 Resources: Responsive Website**

Responsive design principles + AI-assisted layout, typography, and UX design

Updated this week

Today, you'll build a responsive website and explore how AI tools like **ChatGPT** assist with layout, design choices, and accessibility.





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### **Tools You'll Use:**

- **GitHub Codespaces** – Your dev environment.
  - **ChatGPT** – interactive AI tool for designing and coding.
  - **Starter Code:** [Responsive Website](#) (you can copy your ChatGPT code into here)
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### **Ask ChatGPT:**

Here are a few prompts to help you get started:

-  *"Suggest a responsive layout for an eco-friendly travel website."*
-  *"Give me color palette ideas that feel natural and calming."*
-  *"Which Google Fonts pair well for a travel-themed site?"*
-  *"How can I make this section more accessible?"*

Use these ideas to refine your wireframe, improve spacing, balance your layout, or add subtle animation!

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### **Breakout Room Project Checklist: Eco-Friendly Destinations Site**

Students: **Use the provided prompts** to complete the exercise in ChatGPT (Canvas). You can work directly in ChatGPT – prompting it for code, previewing, editing, etc. You also have the option to copy the code over to a Codespace if you'd like to save it to a repo and expand the project.

### **Minimum Requirements:**

#### **Prompt 1 - Header with Navigation**

- Create beginner-friendly HTML and CSS for a simple, stylish header featuring the company name 'Nomadiq Travel Destinations'.
- Use an appealing, modern font or an emoji to enhance visual appeal.
- Includes at least 2–3 navigation links (e.g. Home, Destinations, About, Contact)

### **Prompt 2 - Typography & Eco-Friendly Colors**

- Suggest an easy-to-read font pairing suitable for a travel-themed site focused on sustainability.
- Provide a calming color palette inspired by nature, using gentle greens and blues.

### **Prompt 3 - Hero Section**

- Build a welcoming hero section featuring a centered headline (e.g. “Explore Sustainable Travel”) and descriptive paragraph about sustainable travel.
- Include a soft, appealing background color and generous spacing.

### **Prompt 4 – About Content Section**

- Create a clearly structured content section below the hero titled 'About Nomadiq Travel Destinations.'
- Include a brief descriptive paragraph about the company's focus on eco-friendly travel.

### **Prompt 5 - Call-to-Action Section**

- Includes a message and a button (e.g. “Plan Your Trip” or “Learn More”)
- Button should be styled and clickable

### **Prompt 6 - Responsive Design**

- Make the webpage fully responsive, ensuring text and layouts smoothly scale from mobile to desktop screens.
  - Use **media queries** to adjust layout and spacing for screens 600px and wider
  - Make images responsive with max-width: 100% and height: auto

### **Prompt 7 – Interactivity & Final Polish (Optional Challenge)**

- Enhance the header and hero section with subtle hover effects or transitions using simple CSS. Additionally, refine your typography by adjusting font sizes and spacing to boost readability.

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### Quick Tips for CSS:

Task	Snippet / Concept
Media Queries	<code>@media (max-width: 768px) { /* styles */ }</code>
Flexbox	<code>display: flex; justify-content: space-between;</code>
Google Fonts	<code>&lt;link href="&lt;https://fonts.googleapis.com/css2?family=Roboto&amp;display=swap&gt;" rel="stylesheet" /&gt;</code>
Hover Effects	<code>.card:hover { transform: scale(1.05); transition: 0.3s; }</code>

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### Design Inspiration

- [Google Fonts](#)
- [Coolors - Color Palettes](#)
- [Dribbble](#) for layout ideas
- [Designing for Web Accessibility](#)

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### Submitting Your Work

At the end of lab, be ready to:

- Share a link to your Codespace or GitHub repo
- Reflect on: *What AI tool did you use?* and *How did it help?*