



Claude Cheatsheet

ARTIFACTS

- Web pages:** HTML Display
- Graphics:** SVG
- UI elements:** React
- Visualize Processes:** Mermaid
- System tasks:** Shell scripts
- Documentation:** Markdown Document
- Configuration files:** JSON/YAML
- Database:** SQL Queries

START WITH CLAUDE

WHERE?

<https://claude.ai>

WHEN?

24/7 use

HOW?

With prompts (AI instructing/querying) and images

ARTIFACTS?

Create web designs, code and more content



WHERE TO FIND: 1
Chatwindow > Lab icon > Artifacts

UNIQUE FEATURES

Claude 3.5 Sonnet

- ✓ Can analyze and describe images
- ✓ Advanced data analysis
- ✓ Creating apps: Live preview interface with Artifacts
- ✓ High accuracy and reliability
- ✓ Suitable for long in-depth conversations

MODEL CHOICE

- Task complexity:** sonnet / opus
- Response time:** Haiku
- Creating apps/code:** Sonnet
- Context:** Sonnet / Opus
- Mathematics:** Sonnet / Opus
- Analyzing images:** Sonnet
- Complex problems:** Opus
- Summarizing:** Sonnet / Opus

CORE CONCEPTS

Anthropic: The company that created Claude

Chatbot: Claude is an AI chatbot

Machine Learning: Algorithms that improve with data

Training Data: Data to train Machine learning models

Prompt: The question or instruction you give to Claude

Context window: The amount of text a Claude can remember and take away.

Token: The basic units into which text is broken down for processing by Claude

CLAUDE MODELS

Most intelligence model

3.5 Sonnet

- 💎 High accuracy and reliability
- 💎 Extensive context processing
- 💎 Suitable for long, in-depth conversations

3 Opus

- 💎 Excellent performance in open-ended tasks
- 💎 Largest context window for processing very long texts

3 Haiku

- 💎 Highest speed and lowest latency
- 💎 Efficient for short, direct queries
- 💎 Suitable for integration into high-throughput applications

GOOD TO KNOW

Claude's **Context Windows** is 75,000 words, 100,000 tokens and 340 unicode characters

Claude is **not always right**, especially when asked to generate text on complex and controversial topics. Fact-check always the output.

Claude is trained on an extremely large data set of text and code which may contain **biases**.

If Claude says he **can't do a task**, explain it and have him confirm that he understands the task to get a better output

PROMPT STRATEGY AND EXAMPLE

Combine text with images for richer interactions

Use "suppose that..." for creative problem solving

Ask Claude to assume a specific role

Break complex tasks into smaller steps

Mindmap: Can you create a mind map about [EDUCATION] in mermaid code. Render this in mermaid.

Infographic: Create an infographic about [SUBJECT] using React components in conjunction with the Recharts library.

APP: Create a [Specific app e.g. trip planner] app in Display HTML.