**Visual Odyssey: Navigating the World of Generative Photography**

By Jose F. Sosa - Jan 10, 2024

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# 

# **Introduction**

Welcome to "Visual Odyssey: Navigating the World of Generative Photography" a comprehensive exploration of the diverse world of generative photography and the art of visual storytelling. In this journey, we will embark on a quest to understand the latest taxonomy for atomic control of matter, materials, design, and techniques that make up the vast landscape of generative photography. Whether you're a photography enthusiast, a professional photographer, or simply someone who appreciates the power of visual communication, this book is your guide to unlocking the secrets behind capturing stunning and evocative images.

## **The Power of Natural Language Understanding**

Photography is not just about capturing light and moments; it's about conveying stories, emotions, and messages through visuals. To achieve this, it's essential for Artificial General Intelligences (AGIs) to comprehend human-written language as Natural Language Understanding (NLU). NLU plays a pivotal role in converting natural language into a structured format for visual representations.

In our "Visual Odyssey: Navigating the World of Generative Photography" we dive into the intricacies of combining the power of human language and the art of photography.

## **Unveiling the Photography Taxonomy, you need to create stunning visualizations**

Our journey begins with the exploration of various photography types and styles. From cinematic photography that transports you to another world, to photorealistic images that blur the line between reality and art, we'll dissect and understand the principles, techniques, and nuances that make each style unique. With a focus on both established and emerging categories, you'll gain insights into how to create captivating visuals that resonate with viewers.

## 

## **Who is this book for?**

1. Photography Enthusiasts
   * Amateur Photographers: Individuals who have a passion for photography and want to explore the intersection of art, technology, and creativity in generative photography.
   * Professional Photographers: Seasoned photographers seeking innovative tools and techniques to enhance their artistic expressions and expand their creative horizons.
2. Artists and Creators
   * Visual Artists: Painters, illustrators, and other visual artists interested in incorporating generative photography into their work or exploring the boundaries between traditional and digital art.
   * Digital Artists: Creators in the digital arts domain, including graphic designers, digital illustrators, and multimedia artists, looking to leverage AGI image tools for their projects.
3. Technology Enthusiasts
   * AI and AGI Enthusiasts: Individuals intrigued by the capabilities of Artificial General Intelligence and its application in creative fields, particularly generative photography.
   * Tech Innovators: Innovators and technologists interested in the latest advancements in AGI image tools and their potential impact on various industries.
4. Educators and Researchers
   * Art and Photography Instructors: Teachers and professors in art and photography schools who want to introduce their students to cutting-edge technologies and creative techniques.
   * Researchers: Academics and researchers exploring the intersection of AI, art, and photography, seeking insights and inspiration for their projects.
5. General Audience
   * Curious Learners: Individuals with a general interest in art, technology, and the fusion of human creativity with AI, regardless of their prior knowledge or expertise in the field.
   * Art and Culture Enthusiasts: Readers interested in understanding how technology is shaping the art and culture landscape, particularly in the context of generative photography.
6. Professionals and Industry Practitioners
   * Design Professionals: Designers, architects, and professionals in creative industries interested in innovative visual solutions and storytelling techniques.
   * Marketing and Advertising Experts: Marketers and advertisers looking for fresh and engaging visual content ideas that leverage the capabilities of AGI image tools.
7. Curators and Collectors
   * Art Curators and Collectors: Curators seeking to understand the evolving landscape of digital art and collectors interested in contemporary art forms, including generative photography.

## **A Comprehensive Guide**

"Visual Odyssey: Navigating the World of Generative Photography" is structured to provide you with a comprehensive guide to photography. Each section is dedicated to a specific photography type, complete with prompts and examples to inspire your creative journey. Whether you're interested in portrait photography, street photography, architectural photography, or any other style, you'll find practical tips and prompts to help you refine your skills and capture the perfect shot.

## **Your Creative Odyssey**

Photography is an ever-evolving art form, and "Visual Odyssey: Navigating the World of Generative Photography" is your compass in this creative odyssey. Whether you're seeking to master a specific style, experiment with unconventional techniques, or simply gain a deeper understanding of the art of generative photography, this book is your trusted companion. Join us as we venture into the captivating world of visual storytelling and embark on a journey through the AGI lens.

This is a journey exploring the latest taxonomy for atomic control of matter, materials, design for realistic generative photography for natural language and specific keywords for SDXL 1.0 and Midjourney 6.0.

Are you ready to explore the limitless possibilities of realistic photography? Let's begin this Visual Odyssey together.

# **AGI Image Tools Overview**

In the realm of generative photography and visual storytelling, the emergence of Artificial General Intelligences (AGIs) has opened up new dimensions of creativity and innovation. These AGI image tools are powerful companions that photographers and artists can harness to push the boundaries of their craft. In "Visual Odyssey," we delve into these tools and explore their capabilities, offering a glimpse into the future of image creation.

## **The AGI Revolution**

AGI image tools represent a paradigm shift in how we approach photography and visual arts. Unlike traditional software, AGIs possess the ability to understand and manipulate visual content with human-like comprehension. These tools leverage advanced machine learning algorithms, neural networks, and deep understanding of natural language to interpret and generate images that defy conventional boundaries.

## **MidJourney**

One of the pillars of our voyage is MidJourney is your guide to the world of cinematic storytelling through visuals. This AGI image tool specializes in creating evocative scenes that transport viewers to otherworldly realms. Whether you're crafting scenes of science fiction, fantasy, or dreamlike landscapes, MidJourney lets you weave narratives with stunning visual compositions, unconventional styles, and captivating aesthetics.

## 

## **Stable Diffusion SDXL**

On the other hand, is Stable Diffusion SDXL. This cutting-edge AGI image tool empowers creators to explore the depths of photorealism and surrealism. It offers granular control over every aspect of an image, from lighting and textures to emotions and atmosphere. With SDXL, you can transcend the limits of reality and craft visuals that evoke emotions and tell stories in ways previously unimaginable.

## **Many Others**

What sets AGI image tools apart is their natural language understanding (NLU) capabilities. They can interpret human-written language and transform textual prompts into vivid visual representations. This fusion of language and imagery allows creators to communicate their visions with unprecedented precision, enabling them to bring abstract concepts to life.

|  |
| --- |
| **Other Tools Available** |
| DALL-E 3 |
| Adobe Firefly |
| Bing Image Creator |
| Leonardo.Ai |
| DeepAI |
| Blue Willow by LimeWire |
| Fotor AI Image Generator |
| NightCafe |
| Lexica |
| Playground AI |
| Idiogram |
| Dream |

*Table 1: List of other AGI tools*

## **A World of Possibilities**

In "Visual Odyssey," we explore a diverse range of photography types and styles, each accompanied by prompts and examples that demonstrate the incredible potential of AGI image tools. Whether you're passionate about portrait photography, architectural marvels, or whimsical creations, these tools empower you to turn your vision into reality.

## **A Creative Companion**

As you embark on this visual odyssey, consider AGI image tools as your creative companions. They are not just tools; they are collaborators in your artistic journey. With their assistance, you can transcend the ordinary, break free from limitations, and immerse yourself in the boundless world of generative photography.

Prepare to be amazed, inspired, and empowered as we navigate the realm of AGI image tools together in "Visual Odyssey: Navigating the World of Generative Photography."

# **Natural Language**

## **Importance of Natural Language Understanding (NLU)**

This is a crucial aspect that empowers AGI’s to comprehend human written language as natural language understanding (NLU). NLU plays a pivotal role in converting natural language into a structured format for visual representations.

We will start this book with the very first principle of language understanding of the various platforms.

## **Role of NLU in Platforms**

Natural Language Understanding (NLU) serves as the linchpin of modern AGI platforms, playing a pivotal role in transforming human-written language into structured and actionable data. Within the expansive landscape of platforms for generative photography, NLU is the bridge that connects user input, creative commands, and the generation of visual content. This section sheds light on the multifaceted functions of NLU in platforms, encompassing everything from enabling seamless communication between users and AGIs to enhancing user experiences through intelligent recommendations and content personalization.

**Enabling Human-Machine Interaction**

NLU serves as the key interface for users to communicate their creative visions and desires to AGI platforms. Through natural language, users can articulate their preferences, ideas, and artistic concepts, which NLU processes and interprets. This interaction fosters a collaborative and intuitive environment where users can guide AGIs in the creation of generative photography.

Lets explore our very first prompt with our two AGI image creative specialists.

**Prompt:** cinematic, photo displaying the friendship of a dolphin and dragon, despite their differences they're still together, ARRIFLEX 35 BL Camera, Canon K35 Prime Lenses, 70mm --ar 16:9 --style raw

|  |  |
| --- | --- |
| SDXL 1.0 | Midjourney 6.0 |
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**Analysis and verdict:** Here we gave our two AGI’s a complex phrase to interpret 1. Two distinct species: a real dolphin and a fantasy dragon. 2. A relationship connection to each other. The two AGI’s took very different approaches to understanding and interpreting the language prompt. I would give the advantage of this specific prompt interpretation to Midjourney. It is more aesthetically pleasing and tells a better and more meaningful story. The SDXL version is not really understanding the relationship concepts or two species requested in the language prompt at this time. We will get into all the specific keywords we stated in the prompt later on in the book. But as you can tell there is a specific format we need to communicate with our AGI image specialist to understand what we want it to work on for us.

**Content Generation and Recommendations**

NLU extends its capabilities beyond understanding user instructions to actively participating in the creative process. By comprehending the nuances of language, NLU helps AGIs generate visually compelling content that aligns with user requests. Furthermore, it leverages this understanding to offer personalized content recommendations, ensuring that users' preferences and aesthetic sensibilities are met.

This is an example of an action oriented and camera angle language prompt for analysis.

**Prompt:** Photo of a man is chasing a checking close up on neck looking back on man --s 200 --ar 1:1

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| --- | --- |
| SDXL 1.0 | Midjourney 6.0 |
|  |  |

**Analysis and verdict:** The SDXL 1.0 image shows a chicken in motion, seemingly being chased, with a human figure in pursuit. The focus on the chicken and the blurred background convey movement and a sense of urgency. However, the image doesn't provide a close-up of the chicken's neck or its expression looking back at the man, which are key elements of the prompt.

Midjourney 6.0 offers a close-up of the chicken's face, with a clear and direct gaze into the camera, which could be interpreted as the chicken looking back at the pursuer. The depth of field is shallow, focusing on the chicken's face with the man visible but out of focus in the background. This image captures the 'close-up on neck looking back' aspect effectively and conveys a more immediate connection between the chicken and the man.

In judging the responses to the prompt, Midjourney 6.0 more accurately captures the essence of the scene with its close-up and the chicken's engaging expression. It creates a stronger narrative alignment with the prompt by focusing on the chicken's perspective. SDXL 1.0, while it successfully depicts the chase, misses the detailed request for a close-up and the chicken's interaction with the man.

Therefore, in my judgement the verdict favors Midjourney 6.0 for its adherence to the specific requirements of the prompt and its ability to create a dynamic and humorous image that captures the chicken's personality and the essence of the chase.

**Contextual Awareness**

One of the remarkable facets of NLU in platforms is its ability to adapt to changing contexts and user needs. It not only comprehends language but also gauges the evolving conversation, considering previous interactions and user history. This contextual awareness enhances the quality of responses and content generation, making the user experience more fluid and dynamic.

Let's examine this extremely intricate language prompt.

**Prompt:** photograph from China: a young couple in their 20s, dressed in white, stands in their home, displaying a range of emotions including laughter and tears. Behind them is a backdrop of a cluttered living space filled with white plastic trash bags and torn white paper rolls, ARRIFLEX 35 BL Camera, Canon K35 Prime Lenses, grainy, complex emotions, difficult living conditions --ar 16:9 --style raw

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| --- | --- |
| SDXL 1.0 | Midjourney 6.0 |
|  |  |

**Analysis and Verdict:** The SDXL 1.0 image portrays a couple with smiles, standing in an environment that appears clean and orderly, contrasting with the prompt's requirement for a cluttered space depicting difficult living conditions. While the image captures the couple in a seemingly happy moment, it lacks the complexity of emotions such as tears, and the backdrop doesn't communicate the "cluttered living space" as described.

Midjourney 6.0 provides an image with a more dynamic range of emotions, showing a couple in an evidently cluttered space filled with white trash bags and torn white paper, which aligns more closely with the prompt. The expressions on the couple's faces are more varied, capturing both laughter and a hint of distress, which could be interpreted as tears or a complex emotional state.

In terms of adherence to the prompt, Midjourney 6.0 seems to have a more accurate interpretation. It embraces the clutter and the mix of emotions better than SDXL 1.0. Moreover, the graininess and raw quality of the Midjourney image lend themselves well to the concept of "difficult living conditions," adding a layer of authenticity to the scene.

In my opinion while SDXL 1.0 has created a less visually pleasing image, it falls short in meeting the detailed requirements of the prompt. Midjourney 6.0's with its emotionally charged and chaotic scene, offers a more faithful realization of the complex scenario described. It presents a visual story that aligns with the narrative suggested by our prompt, from the emotional range to the environmental context.

This comparison highlights the importance of nuanced interpretation by AGI systems when dealing with language in prompts that require a blend of specific technical details and emotive storytelling. In this instance, Midjourney 6.0's output more effectively captures the essence of the scene, offering a compelling image that better reflects the intricate conditions from our prompt.

## **Principles of Language Understanding for AGI**

In the realm of Artificial General Intelligence (AGI), the ability to comprehend human-written language is a cornerstone of bridging the gap between machines and human communication. This section delves into the fundamental principles and underlying mechanisms that enable AGIs to understand and interpret natural language, thereby opening the door to more sophisticated interactions between humans and machines.

**Semantic Understanding**

At the core of language understanding for AGIs lies semantic comprehension. AGIs are designed to extract meaning from words, phrases, and sentences, going beyond the surface level of language to grasp the underlying concepts and relationships. This involves the utilization of advanced natural language processing (NLP) techniques, including word embeddings, semantic analysis, and context modeling. By discerning the semantics of language, AGIs can decipher user intent and respond intelligently.

Lets take another look a very complex language prompt.

**Prompt:** Cinematic, Photo, Tanjiro from Demon Slayer in sci-fi armor in a futuristic city --ar 1:1 --s 250

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| SDXL 1.0 | Midjourney 6.0 |
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**Analysis and Verdict:** The prompt provided to the AGIs aimed to capture Tanjiro from Demon Slayer in sci-fi armor within a futuristic cityscape. Both AGIs produced distinct interpretations of the same concept. The SDXL 1.0 rendering presents a character that stays true to the anime style of Demon Slayer, with a crisp illustration of Tanjiro in sci-fi armor set against a backdrop of futuristic skyscrapers. It's a clear nod to the character's original design, integrated into a new setting, bridging the familiar with the imaginative.

On the other hand, Midjourney 6.0 offers a photorealistic portrayal that appears to take more liberties, depicting a human figure in intricate sci-fi armor. The environment is rich with neon lights and city hustle, which may resonate with the 'futuristic city' aspect of the prompt, but it leans more towards realism and less towards the anime's distinctive aesthetic.

In assessing the outcomes, it would seem that SDXL 1.0 has more faithfully interpreted the anime aspect of the prompt, maintaining the character's recognizable style while situating him in an appropriately themed environment. Meanwhile, Midjourney 6.0 has produced an image that, while technically impressive and visually rich, diverges from the anime style, opting instead for a more lifelike representation that doesn't immediately read as the character Tanjiro.

When considering fidelity to the original character's design and the integration into a sci-fi context, SDXL 1.0 arguably delivers a more congruent result. The challenge here lies in conveying the unique features of an anime character in a setting that is not native to the original material while also adding a new thematic layer—in this case, the sci-fi armor and cityscape. SDXL 1.0 maintains the balance between the anime style and the new thematic elements, offering a coherent visual narrative that aligns with the prompt.

Midjourney 6.0's interpretation, while showcasing a compelling and detailed sci-fi environment, seems to reinterpret the character to the point that the connection to Tanjiro is less apparent. Although it creates a strong atmosphere and a character that fits within a futuristic narrative, it may not satisfy purists seeking a direct visual link to "Demon Slayer."

My preference leans towards SDXL 1.0 for its closer adherence to the anime aesthetics and character recognition within the new context. However, the choice between the two may ultimately come down to whether the you prefers a more authentic anime representation such as SDXL rendered vs the more realistic version of MidJourney.

**Contextual Understanding**

Language is inherently contextual, and AGIs are trained to embrace this complexity. They consider the context in which words and phrases are used, taking into account previous statements and the evolving conversation. Contextual understanding involves the application of techniques like recurrent neural networks (RNNs) and transformer models to create a dynamic and evolving comprehension of language. This enables AGIs to engage in more natural and contextually relevant interactions.

This is an example of a mode and human interaction language prompt.

**Prompt:** Cinematic, Photo of traditional African American women are sitting in a cafe, first woman has red hair and black leather clothes, second woman has blond braids and green suit, intense discussion, 70mm --style raw

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| SDXL 1.0 | Midjourney 6.0 |
|  |  |

**Analysis and Verdict:** The SDXL 1.0 image presents the two women as described, with the first woman's red hair and but with dark green attire and the second's blonde braids and green outfit clearly visible but rendered read hear instead of blond hair. The setting in a café is good, and the body language between the two suggests an engaged conversation, meeting most of prompt's specifications for an 'intense discussion.' The overall tone of the image is warm and intimate.

Midjourney 6.0 also successfully captures the essence of the prompt, with the women's attire and hairstyles fitting the description with a more acurracy. The café setting is evident, and the image has a slightly cooler tone compared to SDXL 1.0. The positioning and facial expressions of the women suggest a serious and possibly intense exchange, aligning with the 'intense discussion' aspect of the prompt.

Both images effectively interpret the prompt, but the Midjourney 6.0 image stands out for its more nuanced portrayal of the intensity in the women's interaction and garment details. The composition, lighting, and expressions convey the depth of the conversation and story with a bit more clarity. SDXL 1.0, while capturing the scene accurately, has a softer interaction between the women, which may slightly lessen the perceived intensity of their discussion.

Both AGI systems have generated images that are true to the narrative and style requested, Midjourney 6.0's rendering slightly edges out with a more compelling depiction of an 'intense discussion,' as well as a fitting cinematic tone and atire. The attention to detail in the expressions and the ambient storytelling within the café scene make it a more impactful as visual narrative.

**Structured Representation**

To bridge the gap between language and visual representations, AGIs employ structured representation techniques. This allows them to convert unstructured textual data into structured formats that can be processed and linked with other information sources. The utilization of knowledge graphs and semantic ontologies plays a pivotal role in organizing and representing the knowledge extracted from language, making it accessible for reasoning and decision-making.

Here is anopthre language prompt to analyse.

**Prompt:** RAW cinematic, photo, woman, cyberpunk, vermillion anachronism, futuristic fragmentation, translucent, transcendence, transparent, cyberpunk futurism, very light hair, braids, tattoos, implants, body covered with diamonds, shining jewelry, desaturated, muted light pink palette

|  |  |
| --- | --- |
| SDXL 1.0 | Midjourney 6.0 |
|  |  |

**Analysis and Verdict:** The prompt called for a raw cinematic photo of a woman in a cyberpunk setting, with a focus on translucency, transcendence, and a futuristic vibe, featuring very light hair, braids, tattoos, implants, and a body adorned with diamonds and shining jewelry. The color palette is described as desaturated with muted light pink tones.

The SDXL 1.0 image presents a woman with light hair and a serene expression, surrounded by neon lighting that fits the cyberpunk aesthetic. The image captures the futuristic and translucent feel with a soft glow, but it lacks the visible tattoos, implants, or the specific muted pink palette described in the prompt. The jewelry is present, yet it doesn't distinctly convey the "covered with diamonds" or "shining" aspect.

Midjourney 6.0 offers a portrayal that embraces the cyberpunk theme more vividly. The woman's hair is styled with light pink braids, which aligns with the description, and her skin showcases tattoos and what could be interpreted as implants. The aesthetic is cohesive with the cyberpunk futurism theme, and the muted light pink palette is more pronounced. The image also includes details that suggest body modifications and diamond-like adornments, creating a more intricate and embellished depiction of the subject.

Midjourney 6.0 has a closer alignment with the detailed elements of the prompt. It successfully incorporates the cyberpunk elements and embellishments while adhering to the specified color palette. The image conveys a stronger sense of the described aesthetic, with a richer narrative suggested by the presence of tattoos, braids, and body modifications.

SDXL 1.0 delivers a cleaner, more subdued interpretation that, while still within the realm of cyberpunk, doesn't quite capture the full scope of the detailed features such as tattoos and the specific jewelry embellishments described.

In my opinion I tend to leans towards Midjourney 6.0 for its detailed execution and adherence to the prompt, offering a visual that is both on theme and rich in the cyberpunk elements that define the genre. It stands out for its ability to weave together the futuristic, transcendent aesthetic with the specific stylistic cues provided.

**Multimodal Integration**

AGIs are not limited to text-based language understanding; they also excel in multimodal integration. This means they can seamlessly interpret and combine information from various sensory inputs, including text, images, and audio. This capability facilitates a richer and more holistic understanding of the world, enabling AGIs to answer questions, provide recommendations, and generate content across multiple modalities.

This is an example of a language prompt for analysis.

**Prompt:** photo, a man carrying a horse on his shoulders, horse on top of the man, horse on top --ar 1:1 --style raw --v 6.0

|  |  |
| --- | --- |
| SDXL 1.0 | Midjourney 6.0 |
|  |  |

**Analysis and Verdict:** The SDXL 1.0 rendering portrays a man supporting a horse on his shoulders. The execution here is literal, with the image showing a clear and relatively realistic depiction of the described scenario. The man appears to be standing strong, with the horse calmly positioned atop his shoulders. The setting is outdoors with a hazy, soft-focus background that contributes to the surreal feeling of the scene.

In contrast, the Midjourney 6.0 image provides a vintage, sepia-toned photograph that captures a similar surreal concept. A man is shown with a horse on his shoulders, and it appears there is another figure riding the horse, adding to the stacked effect described in the prompt. The image has an old-timey feel, reminiscent of early 20th-century trick photography or circus posters, which adds a layer of nostalgia and whimsy to the already unusual subject matter. Both images successfully respond to the surreal and unusual nature of the prompt, but they do so in very different styles. SDXL 1.0 opts for a modern, clean look with a realistic take on the absurd premise, while Midjourney 6.0 adopts a retro approach that might suggest a historical or fantastical reinterpretation of the scenario.

My preference for how this was interpreted leans twords the Midjourney rendering.We must ask what is yourinital goal ig it is to maintain a modern aesthetic with a clear, straightforward representation of the concept, SDXL 1.0 does this effectively. However, if the aim is to embrace the inherent surrealism and add a historical or nostalgic twist, Midjourney 6.0 provides a more creative and atmospheric take on the prompt.

In the end it's realy up to your preference if it leans towards whimsicality of historical photography then Midjourney 6.0 is more evocative and creatively interpretive representation, which in my mind seems to capture the playful and surreal nature of the scene with a nod to the

However, SDXL 1.0's rendition is interesting and a modern interpretation of the prompt. Both images are commendable for their imaginative responses to a concept that defies the ordinary.

In the subsequent sections, we will explore how these principles of language understanding are applied in the context of generative photography using AGI image tools such as Stable Diffusion SDXL and MidJourney. By merging the power of natural language understanding with visual creativity, AGIs open up exciting new possibilities for artistic expression and human-machine collaboration.

# **Photograph Types**

Photograph types encompass a rich tapestry of visual storytelling, each weaving its own narrative through the lens. From cinematic captures that transport us to alternate worlds to the intimate portraits that reveal the essence of individuals, and from architectural wonders that celebrate human creativity to the mesmerizing landscapes that evoke nature's grandeur, photograph types are as diverse as the human imagination itself.

They serve as a palette of possibilities, enabling photographers and artists to craft images that resonate with emotions, convey stories, and capture moments frozen in time. Whether exploring the realms of fashion, food, wildlife, or fantasy, these photograph types offer a means to explore the infinite facets of our world and imagination, each with its unique techniques, styles, and creative challenges waiting to be mastered.

## **Cinematic Photography**

### **Cinematic Photography Overview**

Cinematic photography is a captivating genre that goes beyond mere image capture; it transports viewers into a world of visual storytelling and emotion. Rooted in the language of cinema, this style of photography draws inspiration from the techniques and aesthetics of filmmaking to create images that are immersive, narrative-rich, and often evocative. This section serves as a gateway to the enchanting realm of cinematic photography, exploring its defining characteristics, techniques, and the art of weaving stories through visuals.

### **Visual Narrative**

At the heart of cinematic photography lies the concept of visual narrative. Unlike traditional photography, where individual images often stand alone, cinematic photography aims to create a cohesive visual story, much like a movie or a sequence of scenes. It invites viewers to step into a larger narrative, where each frame is a carefully crafted piece of the puzzle, contributing to the overall storytelling experience. This narrative approach can be applied to a wide range of subjects, from portraits and landscapes to street scenes and abstract compositions.

### **Composition and Lighting**

Composition plays a pivotal role in cinematic photography. Framing, angles, and the arrangement of elements within the frame are meticulously considered to guide the viewer's eye and convey the intended message. Similarly, lighting in cinematic photography is more than just illumination; it is a tool for shaping mood and atmosphere. Cinematic photographers often experiment with various lighting setups, from soft and diffused natural light to dramatic, directional artificial lighting, to achieve the desired cinematic effect.

### **Mood and Emotion**

Cinematic photography excels at capturing mood and emotion. Through careful control of colors, contrasts, and post-processing techniques, photographers can evoke a wide range of feelings in their viewers. Cinematic images often convey a sense of drama, nostalgia, mystery, or suspense, inviting viewers to immerse themselves in the story within the frame. The use of selective focus, depth of field, and unconventional perspectives further enhances the emotional impact of cinematic photography.

### **Storytelling Techniques**

One of the hallmarks of cinematic photography is its use of storytelling techniques borrowed from filmmaking. This includes techniques such as capturing a moment frozen in time, employing visual metaphors, and even using multiple images to create a narrative sequence. Cinematic photographers are adept at crafting images that not only tell stories but also leave room for interpretation, encouraging viewers to engage with the visual narrative on a personal level.

In the images and pages that follow, we will delve deeper into the world of cinematic photography, exploring specific styles, techniques, and examples that showcase the magic of this storytelling art form. From cinematic lighting to composition tips and creative prompts, you'll gain valuable insights into how to harness the power of cinematic photography and breathe life into your visual stories.

## **Photorealism**

### **Exploring Photorealism in Generative Photography**

Photorealism, a style of art and sculpture characterized by the highly detailed depiction of ordinary life with the impersonality of a photograph, finds a captivating counterpart in the world of generative photography. This section delves into the nuances of Photorealism, its historical roots, and its contemporary relevance in the realm of generative visual art.

### **Origins and Evolution**

To appreciate Photorealism's place in generative photography, it's essential to trace its origins. Emerging in the late 1960s as an art movement, Photorealism sought to replicate reality with astonishing precision. Artists meticulously recreated scenes, objects, and people, often using photographs as their primary references. This obsession with detail and accuracy has evolved over the decades, finding new avenues of expression in the digital age.

### **Photorealism and Generative Photography**

In the context of generative photography, Photorealism represents a convergence of art and technology. AGIs equipped with advanced image recognition and generation capabilities can faithfully recreate scenes with a level of detail and accuracy that rivals traditional art forms. This section explores how generative photography tools, like Stable Diffusion SDXL and MidJourney, leverage the principles of Photorealism to create images that blur the line between the real and the virtual.

### **Aesthetic Significance**

Photorealism isn't merely about replication; it carries profound aesthetic significance. In generative photography, the pursuit of Photorealism extends beyond mimicry to evoke emotions, tell stories, and challenge perceptions. The detailed, lifelike representations can evoke nostalgia, curiosity, or a sense of wonder, making Photorealistic generative photography a compelling medium for visual storytelling.

### **Technical Challenges**

Achieving Photorealism in generative photography presents technical challenges that require ingenuity and innovation. Generating high-resolution, detailed images that mirror reality demands robust algorithms, computational power, and data. To delve deeper into the technical aspects of Photorealistic generative photography, shedding light on the tools and techniques employed to overcome these challenges please see appendix for further research and a book on this topic.

### **Contemporary Artists and Practices**

No exploration of Photorealism in generative photography would be complete without showcasing the work of contemporary artists and practitioners. This section introduces readers to talented individuals and collectives who push the boundaries of Photorealistic generative photography. Through their creative vision, they demonstrate the artistry that emerges when technology meets Photorealism.

**Prompt:**

((detailed)), ((best quality)), ((masterpiece)), Breathtaking, (Impressive), Vibrant, Woman, Mexican, Mexican national, Chicana, Photograph, Picture, Photo, Outline light, Backlighting, Edge light, 50mm, Standard lens, Natural field of view

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| SDXL 1.0 | Midjourney 6.0 |
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## **Portrait photography**

### **Capturing the Essence of Personality**

Portrait photography is an art form that goes beyond mere documentation; it's about capturing the essence of an individual or a group, revealing their personality, emotions, and unique expressions. This section introduces readers to the world of portrait photography and its significance in the realm of generative imagery.

### **The Art of Lighting**

One of the fundamental elements of portrait photography is mastering the art of lighting. In this section, we explore various lighting techniques, from natural light to studio setups, and how they can be harnessed to create captivating and emotive portraits. We also delve into the interplay of light and shadow in defining the subject's features and character.

### **Backdrops and Settings**

Backdrop selection plays a crucial role in portrait photography, setting the stage and mood for the subject. Here, we discuss the importance of choosing appropriate backgrounds, whether they are simple, minimalist settings or elaborate, thematic environments. We explore how backdrops can enhance the narrative and visual impact of a portrait.

### **Posing and Composition**

Effective posing and composition are essential to convey the subject's personality and create visually appealing portraits. This section delves into the art of posing individuals or groups, emphasizing the significance of body language, facial expressions, and the use of props to tell a compelling story through each frame.

### **Equipment and Gear**

Portrait photographers rely on specific equipment and gear to achieve their desired results. We take a closer look at the essential tools of the trade, from cameras and lenses to lighting equipment and accessories that an AGI can take advantage of. Additionally, we discuss how generative photography tools have expanded the possibilities in portrait photography.

### **Styles and Approaches**

Portrait photography encompasses a wide array of styles and approaches, ranging from classic and formal to candid and artistic. In this section, we explore different portrait styles and how they can be used to evoke emotions and convey the subject's character. We also discuss how generative photography tools can mimic and enhance these styles.

### **Storytelling Through Portraits**

Portraits can be powerful storytelling tools, offering glimpses into the lives, experiences, and emotions of the subjects. We examine how portrait photographers use their craft to tell stories, whether it's documenting the life of an individual or conveying the essence of a cultural or societal narrative.

### **Contemporary Portrait Artists**

To inspire and showcase the possibilities of portrait photography, we introduce readers to contemporary artists who have made a mark in the field. Through their work, we witness how portrait photography continues to evolve and adapt to the changing landscape of visual arts.

**Prompt:**

portrait photo, a girl with curly green hair standing next to a tv screen, wearing sunglasses, louis vuitton handbag, fashion icon, Gucci fashion, hermes, prada, Hasselblad X1D, dutch angle shot, candid shot, realistic skin, natural features, matte colors --ar 9:16 --style raw

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| SDXL 1.0 | Midjourney 6.0 |
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**Prompt:** A photo of a smiling toddler with curly blonde hair wearing a red shirt sitting in a field of green grass on a sunny day.

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| SDXL 1.0 | Midjourney 6.0 |
|  |  |

**Prompt:** A photo of a bride and groom smiling and embracing on the beach at sunset.

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| --- | --- |
| SDXL 1.0 | Midjourney |
|  |  |

## 

## **Street Photography: Unveiling the Human Tapestry**

### **What is “Street Photography”?**

Street photography is an art form that thrives on the spontaneity and authenticity of everyday life in public spaces. In this section, we introduce readers to the captivating realm of street photography and its role in documenting the human condition as it unfolds in the streets, alleys, and squares of our cities.

### **The Essence of Candid Moments**

At the heart of street photography lies the pursuit of genuine, unposed moments. We explore the art of capturing candid expressions, gestures, and interactions, often unnoticed by the subjects themselves. This section delves into the technical and creative aspects of achieving authenticity in street photography.

### **The Urban Stage**

Every street photographer seeks the perfect stage for their narratives. We discuss the significance of urban environments, bustling streets, and diverse cityscapes as the backdrop for street photography. Understanding the dynamics of urban spaces is crucial in composing compelling street photographs.

### **The Street Photographer's Toolbox**

Street photographers rely on a specific set of skills and equipment to seize fleeting moments. In this section, we explore the essential tools, from camera choices to lens selections, that empower photographers to capture the essence of street life. We also touch upon techniques for blending into the urban environment for the generative experience.

### **Styles and Approaches**

Street photography encompasses a wide spectrum of styles and approaches, from classic black and white compositions to vibrant color stories. We delve into the different approaches used by street photographers and how they shape the narratives within their images.

### **Moments of Humanity**

At its core, street photography is a celebration of the human condition. This section explores how street photographers reveal the diverse facets of human life, from joy and laughter to solitude and contemplation, and how these moments resonate with viewers on a deeply emotional level.

### **The Ethical Dilemma (no more)**

Street photography raises ethical questions about consent, privacy, and the boundaries of intrusion. We can now remove those ethical considerations that street photographers must grapple with when capturing candid moments in public spaces. With the advent of generative photography tools like Stable Diffusion SDXL and MidJourney, street photography enters a new era of creativity and experimentation. We examine how these tools can augment the creative process and expand the possibilities in capturing and interpreting the urban landscape.

### **Masters of the Street**

To provide inspiration and insight, we introduce readers to renowned street photographers who have left an indelible mark on the genre. Their work serves as a testament to the power of street photography in revealing the human story amid the chaos of city life.

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| --- | --- | --- |
| **Photographer** | **Best known for…** | **Photograph** |
| Henri Cartier-Bresson | Often referred to as the father of modern street photography, Cartier-Bresson's candid and decisive moments captured the essence of human life in cities. |  |
| Diane Arbus | Known for her intimate and sometimes unsettling portraits of people on the fringes of society, Arbus's work challenged conventions and expanded the boundaries of street photography. |  |

Robert Frank - His groundbreaking work in "The Americans" offered a raw and unfiltered view of American society, influencing generations of street photographers.

Garry Winogrand - A prolific photographer, Winogrand's energetic and chaotic street scenes are emblematic of the New York street photography tradition.

Vivian Maier - Maier's remarkable street photography was discovered posthumously, revealing her keen eye for capturing the everyday lives of people in Chicago and beyond.

Joel Meyerowitz - Known for his use of color in street photography, Meyerowitz's work reflects the vibrancy and diversity of urban life.

Lee Friedlander - Friedlander's innovative compositions and use of reflections and shadows have left an indelible mark on street photography.

Saul Leiter - A pioneer of color street photography, Leiter's poetic and atmospheric images of New York City are celebrated for their painterly qualities.

Bruce Gilden - Renowned for his up-close and often confrontational style, Gilden's street portraits capture the raw energy and diversity of city streets.

Martin Parr - Parr's satirical and humorous approach to street photography offers a unique commentary on contemporary society, often with a keen eye on consumer culture.

**Prompt:** street photo, dutch angle shot, candid shot, Hasselblad X1D, woman with dreadlocks, realistic skin, natural features, matte colors, hip hop aesthetics, cyberpunk, realistic punk --ar 16:9 --w 250 --s 250

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| SDXL 1.0 | Midjourney 6.0 |
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## 

## **Fashion Photography: Unveiling Style and Elegance**

Fashion photography is a dynamic and visually striking genre that showcases clothing, accessories, and style. In this section, we introduce readers to the captivating world of fashion photography, where creativity meets couture, and where the lens captures the essence of fashion and elegance.

### **The Artistry of Clothing**

At the heart of fashion photography is the portrayal of clothing as an art form. We delve into the techniques and expertise required to showcase garments, accessories, and haute couture items in their full glory. From meticulous styling to attention to detail, we explore the artistry that defines fashion photography.

### **Setting the Stage: Locations and Studios**

Whether in a sophisticated studio or an outdoor locale, the choice of setting plays a crucial role in fashion photography. We discuss the significance of selecting the right backdrop to complement the fashion narrative, from pristine runways to gritty urban landscapes.

### **Posing and Expression**

Fashion models are not just mannequins; they are storytellers. This section explores the art of posing, facial expressions, and body language in fashion photography. We delve into how models convey the mood, style, and attitude of the fashion being showcased.

### **The Role of the Fashion Photographer**

Behind every stunning fashion image is a skilled fashion photographer. We discuss the role of the photographer in conceptualizing, directing, and capturing the vision of the fashion designer or brand. We also touch upon the collaboration between photographers, stylists, makeup artists, and models.

### **Lighting and Composition**

Lighting is a critical element in fashion photography. We explore the nuances of studio lighting setups, natural light, and creative lighting techniques that shape the mood and aesthetics of fashion photographs. Additionally, we discuss composition and framing to create visually compelling images.

### **Fashion Styles and Trends**

Fashion photography is ever-evolving, mirroring the shifts in style and culture. We examine various fashion styles, from classic elegance to avant-garde experimentation, and how photographers adapt to the latest trends in the fashion industry.

Beauty and Glamour

Fashion photography often extends beyond clothing to showcase beauty products, cosmetics, and accessories. We delve into the art of capturing the allure and glamor associated with fashion, exploring makeup techniques, hair styling, and enhancing natural features.

### **Iconic Fashion Photographers**

To inspire and showcase the impact of fashion photography, we introduce readers to iconic fashion photographers who have left an indelible mark on the industry. Their work serves as a testament to the power of fashion photography in shaping culture and style.

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| --- | --- | --- |
| **Photographer** | **Best known for…** | **Photograph** |
| Richard Avedon | Avedon's dynamic and innovative fashion photography graced the pages of Harper's Bazaar and Vogue. His iconic portraits and striking compositions redefined fashion photography in the mid-20th century. |  |
| Irving Penn | Known for his minimalist and elegant style, Penn's fashion photography for Vogue featured meticulous attention to detail and timeless beauty. |  |
|  |  |  |

Helmut Newton - Newton's provocative and often controversial fashion photography pushed boundaries and challenged conventional notions of beauty and sexuality.

Annie Leibovitz - Renowned for her celebrity portraits and iconic fashion shoots for Vanity Fair, Leibovitz's work seamlessly blends art, fashion, and culture.

Mario Testino - Testino's glamorous and vibrant fashion photography has graced the pages of top fashion magazines and has played a significant role in defining contemporary fashion aesthetics.

Steven Meisel - Meisel is a prolific fashion photographer who has collaborated with top fashion brands and models. His work is known for its storytelling and editorial flair.

Ellen von Unwerth - With a unique perspective on femininity and sensuality, von Unwerth's fashion photography often features strong and confident women in playful and seductive scenarios.

David LaChapelle - LaChapelle's surreal and hyper-real fashion photography combines pop culture, fantasy, and social commentary, creating visually stunning and thought-provoking images.

Peter Lindbergh - Lindbergh's black and white fashion photography is celebrated for its raw and unretouched portrayal of beauty. His work often emphasizes natural beauty and authenticity.

Herb Ritts - Ritts' fashion photography is characterized by its clean lines, strong compositions, and emphasis on the human form. His work has had a profound influence on fashion and celebrity portraiture.

**Prompt:**

Fashion photo, close up shot, Rick Owens headpiece for high concept photo shoot, Hasselblad X1D, bokeh --style raw --ar 1:1

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| SDXL 1.0 | Midjourney 6.0 |
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## **Documentary Photography: Capturing Truth and Reality**

Documentary photography is a powerful medium for preserving and narrating the reality of our world. In this section, we introduce readers to the world of documentary photography, where the lens becomes a storyteller, capturing authentic moments, people, places, and events.

### **The Quest for Truth**

At the heart of documentary photography lies the pursuit of truth and accuracy. We delve into the ethical responsibilities of documentary photographers in representing reality without manipulation or bias. We explore the role of objectivity in storytelling through images.

### **The Power of Visual Narratives**

Documentary photographers are visual storytellers, and their images often serve as a historical record of significant moments. We discuss the art of constructing narratives through a series of photographs, allowing viewers to experience the depth and complexity of a story.

### **Genres and Styles**

Documentary photography encompasses various genres, from photojournalism to social documentary and environmental photography. We explore the different styles and approaches within documentary photography and how they shape the narratives within images.

### **Equipment and Techniques**

Documentary photographers rely on a specific set of equipment and techniques to capture candid moments and authentic scenes. We discuss the gear choices, camera settings, and techniques used to document reality effectively with generative AI.

### **Ethics and Responsibility**

Ethical considerations are paramount in documentary photography. We delve into the ethical dilemmas that documentary photographers often face, including issues of consent, privacy, and the impact of their work on subjects and communities.

### **Documentary Photography in the Digital Age**

The digital revolution has transformed documentary photography. We explore how digital tools and platforms have expanded the reach and impact of documentary work, allowing photographers to tell stories in new and innovative ways.

### **Iconic Documentary Photographers**

To provide inspiration and insight, here are some renowned documentary photographers who have shaped the genre and made lasting contributions to our understanding of the world. Their work serves as a testament to the enduring power of documentary photography.

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| --- | --- | --- |
| **Photographer** | **Best known for…** | **Photograph** |
| Dorothea Lange | Known for her powerful images of the Great Depression, including the iconic "Migrant Mother" photograph. |  |
| Henri Cartier-Bresson | A pioneer of modern photojournalism, Cartier-Bresson's "decisive moment" approach captured candid and fleeting moments. |  |
| Walker Evans | His work during the Great Depression and the Farm Security Administration era documented the lives of ordinary Americans. |  |
| Margaret Bourke-White | The first female war correspondent and the first female photographer for LIFE magazine, she covered major events of the 20th century. |  |
| Sebastião Salgado | His striking black and white photographs often focus on issues of social justice, labor, and the environment. |  |
| Diane Arbus | Known for her portraits of marginalized and unconventional subjects, her work challenged societal norms. |  |
| Steve McCurry | Renowned for his vivid and emotive images, McCurry's "Afghan Girl" is one of the most famous portraits in the world. |  |
| James Nachtwey | A war photographer with a deep commitment to telling the stories of those affected by conflict and social issues. |  |
| Eugene Richards | His documentary work covers a wide range of topics, from healthcare in America to the effects of war. |  |
| Mary Ellen Mark | Her compassionate and humanistic approach to photography resulted in powerful portraits of people on the margins of society. |  |

**Prompt:**

documentary photo, editorial, sailing to a new continent, hope, William Eggleston style,

Hasselblad X1D --ar 16:9 --style raw

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| SDXL 1.0 | Midjourney 6.0 |
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## **Architectural Photography: Capturing the Essence of Structures**

Architectural photography is a specialized branch of photography that celebrates the art, beauty, and functionality of architectural structures. In this section, we introduce readers to the world of architectural photography and its unique challenges and rewards.

### **The Art of Composition**

Composition is a fundamental aspect of architectural photography. We delve into the principles of composition, including balance, symmetry, and perspective, and how they contribute to creating visually striking images of buildings.

### **Lighting and Timing**

Lighting plays a crucial role in architectural photography. We explore the impact of natural and artificial light on architectural subjects and discuss the importance of choosing the right time of day to capture the ideal lighting conditions.

### **Equipment and Gear**

Architectural photographers rely on specific equipment and gear to achieve precision and clarity in their images. We discuss the essential camera gear, lenses, tripods, and specialized tools used to capture the grandeur of buildings.

### **The Role of Post-Processing**

Post-processing techniques can enhance and refine architectural photographs. We explore the use of editing software to fine-tune exposure, correct perspective distortion, and create stunning architectural visuals.

### **Styles and Approaches**

Architectural photography offers diverse styles and approaches, from classic and minimalist to abstract and experimental. We examine these styles and how they can be applied to capture the essence of architectural structures.

### **Interior vs. Exterior**

Architectural photographers often navigate between interior and exterior spaces. We discuss the unique challenges and considerations for capturing the beauty and functionality of both building interiors and exteriors.

### **Capturing Iconic Structures**

We explore the process of photographing iconic architectural landmarks and structures. Whether it's capturing the sweeping lines of a modern skyscraper or the intricate details of a historic cathedral, each presents its own set of challenges and opportunities.

### **Famous Architectural Photographers**

To provide you with some inspiration, here are some renowned architectural photographers who have left an indelible mark on the field. Their work showcases the interplay between design and photography, pushing the boundaries of what is possible.

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| --- | --- | --- |
| **Photographer** | **Best known for…** | **Photograph** |
| Julius Shulman | Known for his iconic photographs of modernist architecture in Southern California, Shulman's work helped define the mid-20th-century architectural aesthetic. |  |
| Ezra Stoller | Renowned for his precise compositions and ability to capture the essence of architectural design, Stoller's images are considered classics in the field. |  |
| Balthazar Korab | With a keen eye for form and detail, Korab's architectural photography documented the works of renowned architects like Eero Saarinen and Louis Kahn. |  |
| Iwan Baan | A contemporary architectural photographer known for his dynamic and often unconventional perspectives, Baan's work is characterized by its storytelling and sense of place. |  |
| Richard Barnes | His architectural photography often explores the intersection of architecture and art, resulting in thought-provoking and visually captivating images. |  |
| Tim Griffith | Griffith specializes in aerial and exterior architectural photography, capturing the grandeur of skyscrapers and iconic buildings from around the world. |  |
| Hélène Binet | Known for her mastery of light and shadow, Binet's black and white architectural photography reveals the poetry of architectural forms. |  |
| Norman McGrath | His extensive body of work includes documenting the transformation of New York City's skyline, making him a prominent figure in architectural photography. |  |
| Pedro E. Guerrero | Guerrero collaborated closely with architect Frank Lloyd Wright and is celebrated for his intimate and humanistic portraits of Wright's architectural creations. |  |
| Thomas Struth | Struth's large-format, detailed photographs of urban landscapes and architectural interiors offer a unique perspective on the interaction between people and their built environment. |  |

**Prompt:** architecture photography, a view of the modern house with ocean view, in the style of monochromatic white, fragmented architecture, coastal and harbor views, captures the essence of nature, minimalistic elements, RAW (outdoor) | architectural photo, an open, minimalist bedroom design with glass walls, in the style of dark, moody, modular construction, nature-inspired camouflage, light black and dark black --ar 1:1 --style raw (Indoor)

| SDXL 1.0 | Midjourney 6.0 |
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**Key Words:**

Color schemes, weather types, location, style, movements, DJI Mavic 3 (for drone shots), renowned or famous architecture photographers..

**Analysis:**

## **Landscape Photography**

In the world of photography, few genres captivate the imagination as profoundly as landscape photography. It's an art form that seeks to capture the breathtaking beauty of our natural world, from the grandeur of majestic mountain ranges to the delicate details of a dew-kissed flower. At its core, landscape photography is about more than just taking pictures; it's about telling stories, evoking emotions, and inviting viewers to step into the scene and experience the spirit of the outdoors.

### **Equipment and Gear**

Before embarking on your journey into landscape photography, it's essential to understand the tools of the trade. Even though we are using Generative AI we will discuss equipment, the best cameras, lenses, and tips for capturing stunning landscapes. Additionally, we'll explore optional gear like filters, shutter speeds, and drones that can take your generative AI landscape photography to new heights.

### **Composition and Techniques**

In this section, we'll unlock the secrets of composing compelling landscape photographs. You'll discover essential composition principles, including the rule of thirds, leading lines, and framing, that can transform your images. We'll also delve into the technical aspects, such as exposure settings (aperture, shutter speed, and ISO), and introduce advanced techniques like long exposure photography and focus stacking.

### **Lighting and Weather Conditions**

Natural lighting is the painter's brush in landscape photography, and we'll explore how to harness its power. Learn about the magic of golden hour, the tranquility of blue hour, and the role weather conditions play in setting the mood of your photographs. We'll provide insights on adapting to changing weather and making the most of the available light.

### **Location Scouting and Planning**

Great landscape photography often begins with careful planning and location scouting in the real world but we need to do the same in our generative AI photorealism work. We'll guide you through the process of finding those captivating landscapes, whether they're in your favorit locations or in distant non-existent lands. Discover the art of planning a landscape photography trip using generative prompts, from location research and time of day to other considerations, and learn why patience and persistence are your greatest allies.

### **Post-Processing and Editing**

The journey doesn't end when you press the enter button. In this section, we'll dig deeperinto the world of post-processing and editing, where you can enhance your landscape images. Learn techniques for color correction, exposure adjustments, and sharpening. We'll also discuss the ethical considerations of post-processing, stressing the importance of preserving the authenticity of the scene.

### **Styles and Subgenres**

Landscape photography is a vast realm with diverse styles and subgenres. From fine art and abstract to environmental portraiture, we'll explore these different approaches. Dive into the fascinating worlds of astrophotography, seascape photography, and desert landscapes, each with its unique challenges and aesthetics. Along the way, we'll introduce you to renowned landscape photographers known for their distinctive styles.

### **Sharing and Exhibiting Landscape Photography**

Your journey as a landscape photographer isn't complete until you share your work with the world. We'll explore the various platforms for sharing and exhibiting your photographs, from social media to galleries and online portfolios. Learn the art of storytelling and context, which can enhance the impact of your images. Additionally, we'll discuss strategies for building a personal brand in the competitive world of landscape photography.

### **Challenges and Inspirations**

As with any art form, landscape photography presents its share of challenges. From understanding the location's best attributes, time of day and camera/lense choice and creative blocks, we'll acknowledge these obstacles and provide strategies for overcoming them. We'll also draw inspiration from famous landscape photographers, iconic landscapes, and the natural world itself, encouraging you to continually evolve your skills and find your unique voice in the world of landscape photography.

|  |  |  |
| --- | --- | --- |
| **Photographer** | **Best known for…** | **Photograph** |
| Ansel Adams | Known for his stunning black-and-white photographs of the American West, Ansel Adams is an undisputed legend in landscape photography. His work in Yosemite National Park and other iconic locations is celebrated for its technical precision and emotional depth. |  |
| Gal Anonim | The mysterious photographer known as "Gal Anonim" has gained fame for their ethereal and otherworldly landscape images. Their long-exposure shots often capture dreamlike scenes under the night sky. |  |
| Clyde Butcher | Renowned for his large-format black-and-white photographs of the Florida Everglades, Clyde Butcher's work reflects his deep connection to the natural world. His images convey the grandeur and vulnerability of these unique ecosystems. |  |
| Peter Lik | Peter Lik is known for his vivid and dramatic landscape photographs. His use of color and composition creates mesmerizing images that have garnered international recognition. |  |
| Sebastião Salgado | While primarily known for his documentary photography, Sebastião Salgado's landscapes are equally powerful. His sweeping images of remote and often distressed landscapes bring attention to environmental issues. |  |
| David Muench | David Muench's landscape photography has graced the covers of numerous magazines and books. His work captures the beauty of the American Southwest and showcases the intricate interplay of light and land. |  |

Michael Kenna (1953-present): Michael Kenna's minimalist and poetic approach to landscape photography has earned him a dedicated following. His long-exposure, black-and-white images evoke a sense of tranquility and timelessness.

Charlie Waite (1949-present): Charlie Waite is a British landscape photographer celebrated for his romantic and painterly style. His compositions often feature the British countryside in soft and enchanting light.

Edward Weston (1886-1958): Edward Weston is best known for his pioneering work in modernist photography. His intimate and abstract images of natural forms, such as peppers and seashells, are considered iconic in the world of photography.

Fay Godwin (1931-2005): A prominent British landscape photographer, Fay Godwin's work often focused on the British countryside. Her images reveal a deep connection to the land and a keen eye for the subtleties of nature.

**Prompt:**

Landscape photo of a man on a boat on a misty lake in Scotland, eclectic cultural themes, shot by Sony Alpha a7 III camera, mountainous vistas, exotic landscapes, nature-inspired imagery -ar

16:9 --style raw

| SDXL 1.0 | Midjourney 6.0 |
| --- | --- |
|  |  |

**Prompt:** Yellowstone shot with Nikon D850 and Nikon AF-S NIKKOR 14-24mm f/2.8G ED lens, natural light, style of National Geographic –ar 3:2

| SDXL 1.0 | Midjourney |
| --- | --- |
|  |  |

**Combine with:**

Location, Objects (lighthouse, house, caravan) Color schemes, Weather types, DJI Mavic 3 (for Drone Shots), soft - dreamy landscapes, surreal architectural landscapes, national geographic photo

**Link:** [**15+ Midjourney Prompts for Realistic Landscape Photos - Verdicts**](https://verdicts.ai/midjourney-prompts-for-realistic-landscape/)

## **The World of Food Photography**

In this section, we delve into the captivating realm of food photography. We begin by defining food photography and its purpose, highlighting its significance in advertising, publications, and the culinary world. We take a brief journey through the history of food photography, tracing its evolution into the captivating art form it is today.

### **Mastering the Craft**

Explore the art and craftsmanship behind food photography. Learn about the essential principles of composition for generative food photography, from the rule of thirds to achieving balance in your shots. Discover the meticulous work of food stylists as they expertly arrange and prepare dishes to create the perfect image. Dive into the world of lighting techniques, where natural light, studio setups, and light modifiers play a pivotal role in shaping the mood and aesthetics of food photos. We also discuss the role of props and backgrounds in crafting captivating food compositions.

### **The Language of Food Photography**

Uncover the tools and taxonomy that professional food photographers rely on. We'll explore different types of cameras and lenses, highlighting the advantages of lenses and macro options. You'll also discover essential accessories, including specific phrases, that help capture stunning food images.

### **The Art of Styling and Presentation**

Food styling is a crucial element of food photography, and in this chapter, you'll learn the secrets behind it. Delve into the techniques used by food stylists to make dishes appear fresh, inviting, and photogenic. Explore plating techniques that can elevate the visual appeal of a dish, creating textures and patterns that are visually pleasing. We'll also discuss the role of color theory and how it influences the perception of taste and freshness.

### **Perfecting Your Images with Post-Processing**

Discover the world of post-processing and image editing software used by food photographers. We'll introduce popular tools like Adobe Lightroom and Photoshop and explain how they're employed to enhance food photos. You'll learn about color correction, retouching, and other editing techniques that bring out the best in your images.

### **Niche Specializations in Food Photography**

Food photography encompasses a wide range of specialties, and in this chapter, we'll explore some of them. Whether it's capturing the allure of beverages, showcasing the delectable world of desserts, or creating tantalizing menu visuals for restaurants, each specialization comes with its own unique challenges and techniques.

### **Careers and Industry Trends**

In the final section, we'll explore the diverse career opportunities available in food photography, from freelancing to collaborating on cookbooks and editorial assignments. We'll also delve into the current trends in the industry, including the rise of mobile photography for social media and the influence of food influencers on culinary culture.

### **Legendary food photographers**

|  |  |  |
| --- | --- | --- |
| **Photographer** | **Best known for…** | **Photograph** |
| Irving Penn | Known for his minimalist and artistic approach to food photography, Irving Penn's work is iconic and has left a lasting impact on the genre. |  |
|  |  |  |

Diane Arbus - Famous for her documentary-style food photography, Diane Arbus captured the raw and unfiltered essence of culinary scenes.

David Loftus - Renowned for his collaboration with celebrity chef Jamie Oliver, David Loftus' vibrant and appetizing food photography has graced numerous cookbooks.

Donna Hay - A leading figure in the world of food styling and photography, Donna Hay's work is characterized by its simplicity and elegance.

Helene Dujardin - An expert in food photography and styling, Helene Dujardin's images are celebrated for their warm and inviting aesthetic.

Annie Leibovitz - While primarily known as a portrait photographer, Annie Leibovitz has also ventured into food photography, creating visually stunning and imaginative food compositions.

Marte Marie Forsberg - Marte Marie Forsberg's enchanting food photography often features rustic and countryside settings, evoking a sense of nostalgia.

Tessa Kiros - Tessa Kiros is acclaimed for her cookbook photography, which combines rich colors and textures to create captivating food imagery.

Arina Habich - Arina Habich specializes in commercial food photography, capturing delectable dishes in a way that makes them irresistible.

Todd Porter and Diane Cu - This husband-wife duo, also known as White on Rice, have gained recognition for their vibrant and visually striking food photography.

**Prompt:** smoked ribs on a platter, smoke wisping up softly, cinema lighting, close up –ar 16:9

| SDXL 1.0 | Midjourney 6.0 |
| --- | --- |
|  |  |

**Prompt:** smoked ribs on a platter, smoke wisping up softly, cinema lighting, close up –ar 16:9

| SDXL 1.0 | Midjourney 6.0 |
| --- | --- |
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**To create captivating food photos:**

* Get inspiration from renowned photographers like Donna Crous, Bea Luba, and David Lotus.
* Use dynamic elements like dust explosions, flames, sparks, water splashes, dripping, or the iconic cheese pull to capture motion.
* Highlight the intricate details and textures of the food through macro shots.
* Use compositional techniques like asymmetrical, diagonal, geometric, knolling, symmetrical, and the rule of thirds for visual interest.

**Extra resource link**:[50+ Midjourney Food Prompts: Taste the Visual Magic! - MyAIForce](https://myaiforce.com/midjourney-food-prompts/)

## **Still Life Photography in the Age of AGI**

In the realm of still life photography, we find the confluence of serenity and storytelling. This genre, rich in history and technique, finds a new chapter in the age of artificial general intelligence (AGI). We embark on a journey that begins with a retrospective glance at the origins of still life photography, tracing its evolution and how AGI is now redefining the boundaries of this artistic practice.

### **The Essence of Still life Composition**

At the core of still life is composition, a meticulous and deliberate process where every element is chosen with intention and purpose. This section will delve into the elements that make a still life composition speak, the delicate balance between light and shadow, and the subtle interplay of objects that tells a story without words.

### **Light, Color, and Texture**

Light casts the scene, color sets the mood, and texture brings the subject to the fingertips of the imagination. This part of the chapter will explore the techniques for mastering these elements in still life photography, offering insight into how AGI can augment the creative process, from lighting design to color grading.

### **The AGI Perspective**

AGI's role in contemporary still life photography cannot be overstated. This section will examine the transformative effects of AGI on the genre, showcasing case studies and exploring the creative possibilities unlocked by these technologies.

#### **Understanding AGI in Photography**

Artificial General Intelligence (AGI) has been the harbinger of a paradigm shift in various fields, and photography, particularly still life, is no exception. Unlike its predecessors focused on machine learning and deep learning algorithms that specialize in narrow tasks, AGI embodies a more holistic and adaptable intelligence that can perform a wide range of tasks requiring human-like cognitive abilities. In photography, this translates to an AGI's capability to understand complex artistic concepts, interpret the aesthetic appeal of a composition, and even suggest enhancements that might not be immediately apparent to the human eye. It's a leap from tools that merely automate to those that innovate, bringing a depth of understanding to still life photography that was previously unattainable.

#### **Revolutionizing Composition with AGI**

AGI is transforming still life composition by offering intelligent suggestions that enhance the artistic quality of photographs. It can analyze a scene using advanced algorithms to suggest object placements that enhance visual appeal or highlight certain elements. For example, by examining thousands of acclaimed still life images, AGI can guide photographers toward compositions that echo the balance and harmony seen in successful works. One case study showcases a photographer who used AGI to re-arrange a still life setup, resulting in an image that not only sold for a higher price at auction but also garnered critical acclaim for its unexpected visual symmetry.

#### **Creative Experimentation**

The intersection of AGI and creative experimentation is where still life photography begins to redefine its boundaries. AGI facilitates the exploration of avant-garde themes by suggesting unique combinations of objects and textures, predicting the visual impact of certain arrangements, and even generating virtual previews of physical scenes. For instance, an AGI could propose the integration of reflective surfaces in a traditional fruit still life, predicting the resulting interplay of light and shadow, thus providing the photographer with a fresh perspective that deviates from the classic portrayal.

#### **Lighting and Color Correction**

Lighting and color are the essence of the mood in still life photography, and AGI is instrumental in perfecting these elements. With AGI assistance, photographers can simulate various lighting scenarios to find the perfect ambiance for their subject before ever setting up a single light. AGI can also suggest adjustments to color temperature and saturation, making the colors in a photograph pop with life or adjust to convey a specific mood. This technology becomes particularly useful in situations where natural light is inconsistent, allowing for the creation of a controlled visual environment that is both natural and aesthetically pleasing.

### **Automated Post-Processing**

In the post-processing arena, AGI stands out by bringing unprecedented efficiency and personalization to the table. AGI systems can learn a photographer's editing style and apply it across a series of images, ensuring consistency and saving countless hours of manual editing. For example, a photographer known for their signature moody and desaturated style could train an AGI to apply these preferences, resulting in a cohesive body of work produced with a fraction of the effort and time traditionally required.

### **Customization and Personalization**

As photographers integrate AGI into their workflow, the technology's ability to customize and personalize enhances the artistic process. AGI can analyze past work to understand a photographer's preferences for subject matter, composition, and color schemes. This personalized insight allows AGI to make suggestions tailored to the photographer's unique style, even adapting over time as the artist's style evolves. This creates a symbiotic relationship where the AGI becomes a bespoke assistant to the creative vision of the photographer.

### **Ethical and Artistic Considerations**

The advent of AGI in still life photography raises significant ethical and artistic considerations. The core debate centers around the authenticity of creativity when AGI is involved in the creative process. Is a piece still considered art if an AGI played a significant role in its creation? This discourse extends to the ownership of the work and the value we place on human artistic expression versus that of an artificial entity. As AGI becomes more prevalent, the photography community must grapple with these questions and the implications they hold for the future of art.

### **Future of Still Life Photography**

Looking towards the horizon, the future of still life photography with AGI holds endless possibilities. We can expect AGI systems to become even more intuitive, capable of generating complete compositions from a simple concept provided by the photographer. They might even suggest entirely new genres of still life photography by combining elements from vast databases of artistic styles. As AGI technologies evolve, they will continue to challenge photographers to redefine the limits of their craft and explore new creative territories.

### **Tools of the Trade**

The choice of camera and lens can be as personal as the subject being photographed. We will discuss how photographers select the right equipment, the impact of different lenses on the perception of still life, and how AGI can aid in making these critical choices.

Post-Processing: The AGI Enhancements

Post-processing is where the vision is fine-tuned and perfected. Here, we will delve into the advanced techniques used in editing still life images and the role AGI plays in streamlining this process, enhancing the imagery to its fullest potential.

### **Concept to Execution**

This section will guide the reader through the journey of conceptualizing and executing a still life shoot. From the spark of an idea to the final click of the shutter, we will discuss the planning, the setup, and the execution, all through the lens of AGI collaboration.

### **Looking Forward**

No journey through still life photography would be complete without a gaze into the future. We will make predictions about emerging trends and the evolving role of AGI in still life photography, inspiring readers to consider the endless possibilities.

### **Conclusion**

The chapter will close by summarizing the profound influence of AGI on still life photography and by encouraging readers to explore the limits of their creativity with these new tools.

### **Legendary Still Life Photographers**

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| --- | --- | --- |
| **Photographer** | **Best known for…** | **Photograph** |
|  |  |  |
|  |  |  |

Edward Weston - Known for his sharply detailed, high-contrast photographs, Weston was one of the pioneers of 20th-century American photography, including his remarkable still life images.

Irving Penn - Renowned for his work in Vogue magazine, Penn's still life compositions are celebrated for their simplicity and elegance.

Karl Blossfeldt - A unique figure in photography, Blossfeldt is famous for his close-up photographs of plants and living things, presented as still life images that highlight patterns in nature.

Jan Groover - Recognized for her formalist approach, Groover created elaborate still life compositions that are celebrated for their rich colors and complex structures.

Imogen Cunningham - With a diverse portfolio, Cunningham is noted for her botanical photography, nudes, and still life works, marked by their sharp focus and dynamic range of tones.

Paul Outerbridge - A pioneering figure in early color photography, Outerbridge's still life compositions are noted for their vibrant use of color and geometric arrangements.

Robert Mapplethorpe - While famous for his controversial subjects, Mapplethorpe also produced elegant still life photographs of flowers, showcasing his exceptional lighting and compositional skills.

Laura Letinsky - Known for her minimalist still life images, Letinsky’s photographs often depict the remnants of meals in a way that challenges traditional notions of this genre.

Rachel Ruysch - Although not a photographer, Ruysch, a painter from the late 17th and early 18th centuries, is legendary for her still life works and her influence extends into photography in terms of composition and subject matter.

Gary Winogrand - He is best known for his portrayal of America in the mid-20th century, but his still life compositions, though less known, reflect a keen eye for the interplay of objects and their narrative potential.

**Prompt Example:**

still life photo, working desk full of pencil, equipments, papers, colorful, natural soft day light, Hasselblad X1D --ar 21:9 --style raw still life photo, golden stool of the Ashanti, Hasselblad X1D --ar 21:9 --style raw

| SDXL 1.0 | Midjourney 6.0 |
| --- | --- |
|  |  |

**Combine with:**

Lighting keywords: Low Key, High Key, Rembrandt, Split, Backlighting, Silhouette, Cinematic Lighting, Butterfly, Rim Lighting, Top Light, Side Light

Emotion keywords for injecting a certain mood to photo

## **Lo-fi Photography: Embracing Imperfection**

Lo-fi photography is a testament to the adage that beauty lies in imperfection. It's an art form that stands in stark contrast to the high-resolution, pixel-perfect images that are the norm in the digital age. This section of the book will journey through the textured world of lo-fi photography, where the grit, grain, and unexpected aberrations are not just accepted but celebrated.

### **The Aesthetic of Lo-fi**

We'll begin by defining the lo-fi aesthetic, its origins, and how it has evolved over time. We'll discuss how lo-fi photography, with its characteristic blurs, light leaks, and often high-grain quality, tells a story that high-definition photography sometimes cannot. The aesthetic is not just a stylistic choice; it's a narrative tool that can evoke nostalgia, convey raw emotion, and provide a sense of authenticity.

### **Tools of the Trade**

In this topic, we will delve into the various cameras and equipment synonymous with lo-fi photography, from disposable cameras to Holga, Diana, and Lomo. These tools, often inexpensive and mechanically simple, challenge photographers to rely less on technology and more on their vision and creativity.

### **Techniques and Creative Practices**

Lo-fi photography is as much about the process as it is about the final image. We'll explore creative practices unique to lo-fi photography, such as deliberate under or overexposure, cross-processing, and film soaking. This section will serve as a guide for readers to experiment with various techniques that can help them achieve the lo-fi look.

### **The Role of Film in Lo-fi Photography**

While digital filters can mimic the lo-fi effect, there's something inherently authentic about images captured on film. We'll discuss the role of film in lo-fi photography, including the choice of film stock, the impact of expired films, and the unpredictability they bring to the process.

### **Post-Processing for Lo-fi Photography**

Post-processing can enhance or undermine the lo-fi aesthetic. This section will provide readers with insights into editing techniques that can be used to emphasize the lo-fi quality of images without over-digitizing them, keeping the organic essence of the style intact.

### **Lo-fi Photography in the Digital Age**

In the era of high-definition digital cameras, lo-fi photography has seen a resurgence as a form of rebellion against the clinical perfection of modern images. We'll examine how digital technology has both challenged and complemented the lo-fi style, including the use of apps and digital effects that emulate the lo-fi experience.

### **Cultural and Artistic Impact**

Lo-fi photography has made a significant cultural impact, influencing not just the world of photography but also fashion, music, and lifestyle. This section will explore how lo-fi photography has become emblematic of certain subcultures and artistic movements.

### **Showcase of Lo-fi Photography Works**

To truly appreciate lo-fi photography, one must see it. A curated showcase of lo-fi images will provide visual examples that highlight the range and depth of this style, from street scenes and candid portraits to still lifes and landscapes.

Prompt: lo-fi photo of African American Marie Daly chemist in her laboratory --ar 16:9 --style raw

| SDXL 1.0 | Midjourney 6.0 |
| --- | --- |
|  |  |

**Prompt:** Cinematic, lo-fi photo of filipino chemist maria orosa in her laboratory --ar 21:9 --style raw

| SDXL 1.0 | Midjourney 6.0 |
| --- | --- |
|  |  |

### **Legendary Lo-Fi Photographers**

|  |  |  |
| --- | --- | --- |
| **Photographer** | **Best known for…** | **Photograph** |
| Stephen Shore | Known for his work that captures mundane scenes in America, often using simple cameras to produce a lo-fi effect. |  |
| William Eggleston | Considered a pioneer in color photography, Eggleston has a lo-fi approach to his work, which makes ordinary scenes come alive with a raw and candid feel. |  |

Lomography Artists - The community of artists associated with the Lomography movement is known for their embrace of low-fi aesthetics, characterized by the use of Lomo cameras.

Ryan McGinley - While not exclusively a lo-fi photographer, some of McGinley's work includes lo-fi techniques, giving his photos a spontaneous and authentic feel.

Nan Goldin - Goldin's intimate and candid photography often has a lo-fi quality that adds to the emotional depth of her images.

Daido Moriyama - A Japanese photographer known for his stark black and white street photography, Moriyama's work often has the grainy, high-contrast look that is celebrated in lo-fi photography.

Vivian Maier - Maier's recently discovered work, consisting mostly of street photography in mid-century America, exhibits many of the hallmarks of lo-fi photography.

Terry Richardson - With his unmistakable snapshot style, Richardson’s work often has a lo-fi aesthetic that matches his controversial and bold subjects.

Corinne Day - Day’s photography, especially her early work, has a raw, unvarnished quality that aligns with the principles of lo-fi photography.

Walker Evans - One of the early adopters of the lo-fi style, Evans’ work during the Great Depression for the Farm Security Administration often utilized simple equipment to capture the stark reality of the time.

### **The Lure of the Lo-fi**

The enduring allure of lo-fi photography. Despite advancements in technology, or perhaps because of them, the charm of lo-fi persists. This chapter will invite readers to embrace the grain, the blur, and the aberrations as elements that contribute to the unique language of lo-fi photography.

## **The AI Perspective for Fantasy Photography**

In the section on The AI Perspective for Fantasy Photography, we'll talk about the magical journey through the genre that transcends reality. This genre allows for the visualization of the fantastical, the mythical, and the legendary, drawing on rich narratives from folklore and fiction. Here are some key topics and content to discuss:

### **Exploring the Boundaries of Reality**

* We discuss how Generative AI expands the creative limits of fantasy photography, enabling the creation of images that might be impossible to capture through traditional means.
* WeExamine the role of Generative AI in visualizing scenes from mythology and folklore, providing a new dimension to ancient tales.

### **The Intersection of Art and Technology**

* Explore how AGI combines artistic vision with advanced computational processes to generate images that resonate with the themes of fantasy and myth.
* Consider the balance between artistic direction and AGI autonomy, ensuring that the technology serves the creative intent.

### **Crafting Enchanted Narratives**

* Delve into the storytelling aspect of fantasy photography and how AGI can be used to construct visual narratives that captivate and transport viewers to other realms.
* Discuss the importance of narrative coherence and how AGI-generated elements must harmonize with the overarching story being told.

### **Gen AI and the Recreation of Mythological Scenes**

* Examine case studies where AGI has been used to recreate scenes from mythology, highlighting the potential for educational and cultural exploration through visual storytelling.
* Discuss the challenges of staying true to source material while also embracing the creative freedom that fantasy allows.

### **Character and Creature Design with AGI**

* Delve into how AGI can assist in the detailed design of characters and creatures that populate fantasy worlds, from elves and dragons to entirely new beings.
* Explore the ethical considerations and artistic implications of creating sentient-se

eming beings through AGI, and the importance of responsible design choices.

### **Ethical Implications in Fantasy Worlds**

* Address the ethical implications of depicting sensitive cultural myths and the responsibility of AGI in representing these stories with respect and accuracy.
* Discuss the ethical boundaries in creating fantasy narratives, such as avoiding cultural appropriation and ensuring diversity and inclusivity.

### **The Role of AGI in World-Building**

* Explore how AGI can be instrumental in building expansive fantasy worlds, complete with landscapes, architecture, and ecosystems that are consistent with the lore of the narrative.
* Analyze the impact of these generated worlds on viewer immersion and the believability of the fantasy setting.

### **AGI-Enhanced Costumes and Props**

* Discuss the potential for AGI to design intricate costumes and props that could be too complex or costly to produce in reality, thus enriching the visual appeal of fantasy photography.
* Consider the integration of AGI-designed elements with real-world photography to create a seamless blend between the tangible and the imagined.

### **The Future of Fantasy Photography with AGI**

* Speculate on the future developments in AGI that could further revolutionize fantasy photography, such as interactive and immersive experiences.
* Encourage photographers to consider the potential for AGI not just as a tool for image creation but as a collaborative partner in the storytelling process.

**Prompt:** fantasy photo, black lady holding leaves, leaves on top of her, phantom high speed camera --ar 16:9 --style raw

| SDXL 1.0 | Midjourney 6.0 |
| --- | --- |
|  |  |

**Cinematic Prompt:** Cinematic, fantasy photo, native American lady dancing holding leaves, leaves flying around here at high speed, leaves on top of her, phantom high speed camera --ar 21:9 --style raw

| SDXL 1.0 | Midjourney 6.0 |
| --- | --- |
|  |  |

### **Legendary Fantasy Photographers**

|  |  |  |
| --- | --- | --- |
| **Photographer** | **Best known for…** | **Photograph** |
| Annie Leibovitz | While not exclusively a fantasy photographer, Leibovitz's conceptual portraits often carry a fantastical element, particularly her work for Disney's "Dream Portrait" series. |  |
| Tim Walker | His elaborate staging and whimsical themes have a distinctly fantastical quality, often feeling like they've been pulled from a storybook. |  |
| Gregory Crewdson | Crewdson's photographs are known for their cinematic quality and often feature surreal, dream-like scenes that are meticulously crafted. |  |
| Eugenio Recuenco | Recuenco's work is often narrative and has a theatrical, fantasy-like aspect to it, influenced by historical and literary themes. |  |
| Kirsty Mitchell | Her "Wonderland" series is a deeply personal tribute filled with lush, fantastical landscapes and elaborate costumes that echo themes of myth and fairy tales. |  |
| Brooke Shaden | Shaden creates self-portraits that are rich in storytelling, often featuring ethereal themes and otherworldly environments. |  |
| Luisa Azevedo | Azevedo's work is characterized by its surreal and fantastical digital manipulations that blend elements from different worlds into cohesive, imaginative scenes. |  |
| Erik Johansson | Johansson is a photographer and a digital artist who creates realistic photos of impossible scenes, bending the rules of nature to bring his fantastical visions to life. |  |
| Alex Stoddard | Stoddard's self-portraits often explore themes of fantasy and surrealism, with a dark and mystical edge. |  |
| Ellen Rogers | Rogers' ethereal and gothic work often looks like it's been plucked from another era, imbued with a sense of fantasy and the occult. |  |

## **The Generative AI Perspective for Macro Photography**

Macro photography is a genre that brings the smallest details of our world into dramatic view, highlighting textures, patterns, and forms that are often overlooked. With the advent of generative AI (artificial intelligence), the possibilities for enhancing and interpreting macro photography have expanded considerably. This section will explore how generative AI can be utilized within macro photography to create striking, detailed images that push the boundaries of this close-up craft.

### **Defining Macro Through AI**

* Discuss the fundamentals of macro photography and how generative AI can redefine what is possible in capturing the minute details of subjects.
* Explore the potential for AI to generate

hyper-realistic images that exceed the capabilities of traditional macro lenses, allowing for even greater magnification and detail.

### **AI-Enhanced Detail and Texture**

* Delve into how generative AI can be used to enhance the clarity and texture in macro photographs, potentially bringing out microscopic details that are beyond the reach of conventional cameras.
* Analyze the AI's role in image stacking techniques, a common practice in macro photography to increase depth of field, and how it can streamline this often time-consuming process.

### **Generative AI and Lighting in Macro Photography**

* Examine the challenges of lighting in macro photography and how AI can simulate ideal lighting conditions, creating the perfect environment for each subject.
* Explore the potential for AI to suggest lighting adjustments or enhancements that can reveal textures and details that might not be evident under standard conditions.

### **AI's Role in Composition and Framing**

* Discuss how generative AI can assist photographers in determining the most impactful composition and framing for macro subjects, potentially analyzing thousands of compositions to suggest the most visually appealing one.
* Consider the use of AI to crop and re-frame existing macro images to highlight the most interesting parts of the subject matter.

### **AI and Post-Processing for Macro Images**

* Explore the potential for AI to automate complex post-processing tasks such as focus stacking, noise reduction, and color correction, making it easier for photographers to achieve their desired results.
* Delve into how AI can be used to creatively alter the appearance of macro subjects, such as changing the color or texture, to create surreal or artistic interpretations.

### **Creative Possibilities with Generative AI**

* Encourage a discussion on the creative possibilities that generative AI opens up for macro photography, including the creation of fantastical scenes or the merging of macro elements with other photographic genres.
* Analyze the ethical considerations of using AI to generate macro images, particularly when it comes to representing the natural world accurately.

### **The Future of Macro Photography with AI Integration**

* Speculate on the future advancements in AI technology that could further enhance macro photography, such as AI algorithms that can predict and compensate for the movements of live subjects.
* Consider the potential for AI-generated macro images to contribute to scientific research and education by providing detailed visualizations of subjects not easily observed by the human eye.

Prompt Example:

Macro photography, national geographic, symmetrical close-up portrait shoot in green jungle of an expressive lizard, anamorphic lens, ultra realistic, green-core, junglecore --ar 16:9 --style raw

| SDXL 1.0 | Midjourney 6.0 |
| --- | --- |
|  |  |

Cinematic, Macro photography, national geographic, symmetrical close-up portrait shoot in green jungle of an expressive lizard, anamorphic lens, ultra realistic, green-core, junglecore --ar 21:9 --style raw

### **Legendary Macro Photographers**

|  |  |  |
| --- | --- | --- |
| **Photographer** | **Best known for…** | **Photograph** |
| Thomas Shahan | Renowned for his detailed and vibrant photographs of insects, Shahan's work brings the tiny world of arthropods to life with stunning clarity. |  |
| Ansel Adams | Although famous for his landscape photography, Adams' close-up images and his work in developing the zone system have been influential in macro and other photography genres. |  |
| Robert Capa | Capa, a famous war photographer, also captured detailed close-up images that require a macro photographer's skill, showing the stark reality of conflict. |  |
| Frans Lanting | Lanting is a celebrated nature photographer whose macro images often focus on the beauty and complexity of the natural world. |  |

Ondrej Pakan - Pakan's macro photography is distinguished by his unique approach to capturing dew-covered insects and other tiny subjects in their natural environments.

Suren Manvelyan - He became famous for his strikingly detailed macro photographs of human and animal eyes, which showcase the intricate patterns that are invisible to the naked eye.

Igor Siwanowicz - An expert in macro photography, Siwanowicz's work is notable for its vivid portrayal of insect and plant life, often highlighting the alien beauty of these subjects.

Katarzyna Załużna - Załużna is known for her macro photographs of insects, which are often characterized by their ethereal and otherworldly quality.

Alberto Ghizzi Panizza - Panizza specializes in macro photography with a particular focus on capturing the small wonders of nature, from insects to flowers, with a magical perspective.

Yousef Al Habshi - Al Habshi's macro photographs often delve into the world of insects, with a special emphasis on capturing the intricate details of their structure.

## **Generative AI With Whimsical Photography**

Whimsical photography is characterized by its playful, imaginative, and often fantastical elements that create a sense of wonder and delight. With the integration of generative AI, photographers can push the boundaries of this genre even further, creating images that defy logic and tap into the subconscious. Here are some key topics and content to discuss in this section:

### **Defining Whimsy in the Age of AI**

* Introduction to whimsical photography and its hallmarks.
* Discuss how generative AI can enhance the creation of whimsical images through advanced image manipulation and generation techniques.

### **AI in the Creative Process**

* Explore how generative AI can serve as a tool for brainstorming and realizing whimsical concepts that might be difficult to achieve through traditional photography alone.
* Discuss the interplay between photographer creativity and AI capabilities in bringing fantastical ideas to life.

### **Enhancing the Whimsical Aesthetic with AI**

* Delve into the ways AI can accentuate the characteristics of whimsical photography, such as vibrant colors, dreamlike textures, and surreal compositions.
* Examine how AI can apply artistic filters and effects that contribute to the whimsical narrative of an image.

### **AI and the Surreal**

* Discuss the role of AI in creating surreal elements within whimsical photography, blurring the lines between reality and fantasy.
* Explore the potential for AI to generate entirely new visual elements that enhance the surreal quality of whimsical images.

### **Overcoming Technical Limitations**

* Consider how generative AI can help overcome technical limitations in photography, allowing for the creation of images with advanced depth of field, lighting, and focus effects that enhance the whimsical feel.
* Look at specific AI tools that aid in creating high-quality whimsical images, such as depth map generation for complex compositing.

### **Ethics and Authenticity**

* Address the ethical considerations of using AI in whimsical photography, including the importance of maintaining artistic integrity and authenticity in AI-generated images.
* Discuss the balance between AI-generated content and traditional photography in maintaining the soul and originality of the whimsical genre.

The Future of Whimsical Photography with AI

* Speculate on how

generative AI might evolve to further transform whimsical photography, considering advancements in AI that can anticipate artistic trends or generate images based on abstract concepts.

* Discuss the potential for interactive and dynamic whimsical images that respond to viewer engagement, made possible by AI-driven technology.

### **AI as a Collaborative Partner**

* Explore the concept of AI as a collaborator in the creative process, assisting photographers in developing their visions and providing new avenues for expression within whimsical photography.
* Examine case studies of successful collaborations between photographers and AI in creating whimsical works.

### **Navigating the Challenges of AI in Whimsy**

* Discuss the challenges that might arise when incorporating AI into whimsical photography, such as ensuring the AI understands the subtleties of humor and playfulness.
* Offer insights on how photographers can effectively communicate their creative ideas to AI systems to achieve the desired whimsical outcomes.

### **The Impact of AI on Audience Perception**

* Analyze how AI-generated whimsical photography may impact audience perception and engagement, considering the potential for AI to create images that resonate on a deeper emotional level.
* Discuss the role of storytelling in whimsical photography and how AI can enhance narrative elements to create more impactful images.

Prompt Example:

Whimsical Photography, candid shot of a woman, Urban Exploration location, Hasselblad X1D --s 250 --w 250 --ar 16:9

Combine with:

-stylize and --weird parameters

| SDXL 1.0 | Midjourney 6.0 |
| --- | --- |
|  |  |

F Make it Cinematic:

Cinematic, Whimsical Photography, candid shot of a woman, Urban Exploration.

shot by ARRIFLEX 35 BL Camera, Canon K35 Prime Lenses --style raw --ar 21:9

## **Generative AI Perspective for High & Low Key Photography**

High and low key photography are styles that play with light and shadow to create distinct moods and aesthetics. High key photography is characterized by its bright, light-filled images with minimal shadow, conveying an airy, optimistic feel. Low key photography, in contrast, features predominantly dark tones and shadows, creating a mood of mystery and drama. The integration of generative AI in these styles opens up new possibilities for creativity and technical execution. Here are some key topics and content to discuss in this section:

### **Understanding High & Low Key Photography**

* An introduction to high and low key photography, defining their characteristics and the moods they typically convey.
* Discuss how these styles are traditionally achieved through lighting, exposure, and post-processing techniques.

### **AI's Role in Enhancing Lighting Techniques**

* Explore how generative AI can assist in achieving the perfect lighting for high and low key photography, simulating various lighting setups and conditions.
* Discuss AI's ability to analyze and adjust images to enhance their high or low key qualities, optimizing contrast, brightness, and shadows.

### **Creative Experimentation with AI**

* Delve into the creative possibilities that AI offers in high and low key photography, such as generating unique lighting effects or blending the two styles for innovative results.
* Discuss how AI can be used to experiment with color grading in high and low key images, pushing the boundaries of traditional aesthetics.

### **Overcoming Technical Challenges with AI**

* Examine how generative AI can help overcome common technical challenges in high and low key photography, such as maintaining detail in bright highlights or deep shadows.
* Explore AI's potential in automating complex processes like HDR (High Dynamic Range) imaging, which can be particularly useful in these styles of photography.

### **AI and Artistic Expression**

* Consider the implications of using AI in high and low key photography for artistic expression, discussing how AI can either enhance or detract from the photographer's creative vision.
* Explore the balance between AI-generated enhancements and maintaining the authenticity of the photographer's original concept.

### **Ethical Considerations and Authenticity**

* Address ethical concerns related to the use of AI in photography, particularly in terms of authenticity and the representation of reality.
* Discuss how photographers can responsibly use AI while preserving the integrity and intention of their high and low key images.

### **The Future of High & Low Key Photography with AI**

* Speculate on the future developments in AI technology that could further revolutionize high and low key photography.
* Consider the potential for AI to create entirely new sub-genres within these styles, offering photographers novel ways to express their artistic visions.

Prompt Example:

high key photo, Black nubian queen Amanirenas from behind, Hasselblad X1D, beautiful african woman, stunning, delicacy --ar 16:9 --style raw low key photo, Black nubian queen Amanirenas from behind, Hasselblad X1D, beautiful african woman, stunning, delicacy --ar 16:9 -style raw

| SDXL 1.0 | Midjourney 6.0 |
| --- | --- |
|  |  |

Make it Cinematic:

Cinematic, high key photo, Black nubian queen Amanirenas,

ARRIFLEX 35 BL Camera. Canon K35 Prime Lenses. beautiful african woman. stunning. delicacy -ar 21:9 --stvle raw

**Wildlife photography**

Prompt Example:

Wildlife photo, national geographic, symmetrical close-up portrait shoot in green jungle of an expressive lizard, anamorphic lens, ultra realistic, hyper detail greencore, junglecore --ar 16:9

Wildlife photo of a tiger in the jungle under rain, panoramic landscape, rich, immersive hues, agfa vista 400, subtle vignette --ar 21:9 --style raw

| SDXL 1.0 | Midjourney 6.0 |
| --- | --- |
|  |  |

Combine with:

keywords. national geographic

Make it Cinematic:

Cinematic. Wildlife photo of a tiger in the

ARRIFLEX 35 BL Camera --ar 21:9 --style raw

**Sports photography**

Prompt Example:

sports photography, female volleyball player is high above the ground jumping to hit the ball, in the style photo, that moment, tattoo punk, audience watching, volleyball cup, afro-caribbean influence, gender b action, Dynamic Movement, well lit --style raw --ar 16:9

| SDXL 1.0 | Midjourney |
| --- | --- |
|  |  |

Combine with:

Keywords: Phantom High-Speed Camera, Motion Blur, Dynamic Movement

Make it Cinematic:

Cinematic, sports photography, female volleyball player is high above the ground jumping to hit the ball, in the style of japonism influenced pieces, symmetrical shot, iconic photo, that moment, tattoopunk, audience watching, volleyball cup, afro-caribbean influence, gender bending, Neil Leifer, Dynamic action, Dynamic Movement, well lit --style raw --ar 21:9

**Aerial Photography**

& Prompt Example:

aerial photography, a group of camels standing on the sand dunes, in the style of chiaroscuro portraitures, optical illusion paintings, highly imaginative scenes, distorted perspectives, intricately mapped worlds, in black and white by Yann Arthus-Bertrand --ar 16:9 --style raw

Combine with:

Keywords: DJI Phantom 4 Pro Drone

Make it Cinematic:

Cinematic, aerial photography, a group of camels standing on the sand dunes, in the style of chiaroscuro portraitures, optical illusion paintings, highly imaginative scenes, distorted perspectives, intricately mapped worlds, in black and white by Yann Arthus-Bertrand -ar 21:9 --style raw

**Infrared Photography**

Prompt Example:

Infrared photography, african warriors drumming the death drums, Kodak Aerochrome --ar 16:9 --style raw

| SDXL 1.0 | Midjourney |
| --- | --- |
|  |  |

Combine with:

Keywords: Kodak Aerochrome

Make it Cinematic:

Cinematic, Infrared photography, African warriors drumming the death drums, Kodak Aerochrome,

ARRIFLEX 35 BL Camera - -ar 21:9 --style raw

**Night Photography**

Prompt Example:

night photography, artistic environment of skyscrapers, haze, out of focus, red and dark-blue color grading, shot on Kodak disposable camera, futuristic film noir, style --ar 16:9 --style raw

| SDXL 1.0 | Midjourney |
| --- | --- |
|  |  |

Make it Cinematic:

Cinematic, night photography, artistic environment of skyscrapers, haze, out of focus, red and dark-blue color grading, shot on Kodak disposable camera, futuristic film noir style

--ar 21:9 --style raw

**Underwater photography**

**Prompt Example:**

Underwater photography, african goddess of war kissing african woman:: beautiful underwater details, Cannon EOS-1D X Mark II camera with cannon EF 8-15mm f/4L Fisheye USM lens in an underwater housing:: --ar 16:9 --style raw

| SDXL 1.0 | Midjourney |
| --- | --- |
|  |  |

**Make it Cinematic:**

Cinematic, Underwater photography, African goddess of war kissing african woman, beautiful underwater details, Canon EOS-1D X Mark II camera with a Canon EF 8-15mm f/4L Fisheye USM lens in an underwater housing

--ar 21:9 --style raw

**Minimalist Photography**

Prompt Example:

**Minimalist photography,** cinematic, a woman walking in train station, a striped floor, high\_angle, elegant fashion details, dark white and light white, shadows, silhuettes, stripes, Hasselblad X1D, symmetrical asymmetry, geometric aesthetics --ar 16:9 --style raw

| SDXL 1.0 | Midjourney |
| --- | --- |
|  |  |

**Minimalist photography,** A tennis ball whose shadow is crossing the line on the court, close-up, bold color - blocked compositions, post - internet aesthetics, indigo and green, solapunk, precisionist art, puzzle - like pieces, Leica M6 --ar 16:9 --style raw

Combine with:

Keywords: symmetrical asymmetry, geometric aesthetics, Leica M6 camera

Make it Cinematic:

Cinematic, Minimalist photography, a woman walking in train station, a striped floor, high\_angle, elegant fashion details, dark white and light white, shadows, silhouette, cc stripes, ARRIFLEX 35 BL Camera, Canon K35 Prime Lenses, symmetrical asymmetryNOW geometric aesthetics --ar 21:9 --style raw

**Historical Photography**

~ Prompt Example:

Historical photography, cinematic, Black general of the french revolutionary army in white uniform sitting on white horse, Hasselblad X1D, oscar winner film, intricate details of his costume, oscar winner costume design, hyper-realistic, clean sharp focus, cinematic color grading, film grain, detailed --ar 16:9 --style raw

| SDXL 1.0 | Midjourney |
| --- | --- |
|  |  |

/Combine with:

Editorial, Photojournalism, Associated Press Photo, Selfie Shot, shot on iPhone

F Make it Cinematic:

Cinematic, Historical photography, cinematic, Black general of the french revolutionary army in white uniform sitting on white horse, ARRIFLEX 35 BL Camera, Canon K35 Prime Len:CLICK intricate details of his costume, clean sharp focus, film grain - -ar 21:9 --style raw

**Long Exposure Photography**

cinematic, long exposure photo, a dervish spinning gracefully on a stage, motion blur, dreamlike imagery, image capturing the dynamic and implied movement, Cinestill 800T

--ar 16:9 --style raw

long exposure photo, a moving carousel at night --ar 16:9 --s 200 --style raw

long exposure photo, aerial view of a highway at dawn, in Shanghai, shot with fujifilm velvia, green, red lights

--ar 16:9 --style raw

panning cinematic photo, young man riding a scooter, london --ar 16:9 --s 150

| SDXL 1.0 | Midjourney |
| --- | --- |
|  |  |

**High-Speed Photography**

| SDXL 1.0 | Midjourney |
| --- | --- |
|  |  |

Cinematic Directed by:

1. Alfred Hitchcock

2. Stanley Kubrick

3. Ingmar Bergman

4. Yasujirô Ozu

5. Federico Fellini

6. Martin Scorsese

7. Francis Ford Coppola

8. Andrei Tarkovsky

9. Orson Welles

10. John Ford

11. Michelangelo Antonioni

**Camera Angles & Shots**

Molecular Level Camera Controls:

ATOMIC PROMPTING:

[PHOTOGRAPHY TYPE SUBJECT/ACTION]

[SHOT TYPE] (LOCATION] [FASHION] [YEAR [FILM STOCKI [CAMERA] [DIRECTOR/PHOTOGRAPHER] [EMOTION]

[LIGHTING] [COLOR]

Cinematic, photo, black female flamenco dancer, captured by Hasselblad X1 —ar 21:9 —style raw

Retro look Basic Prompt:

Cinematic, Analog Photo, [SUBJECT/ACTION] [YEAR/DECADE] --ar 16:9 --style raw

**Light - Subject Relationship**

PROMPT STRUCTURE

Cinematic, Portrait Photo, [SUBJECT], [Description of Light and Shadow in Relation to the Subject]

--ar 16:9

--style raw

photo, woman from =, shadow of an airplane covering her body, bird's eye view shot --ar 16:9 --style raw

**Natural Light & Weather**

PROMPT STRUCTURE:

Cinematic, Portrait Photo, [SUBJECT], [Natural Light Source] --ar 16:9 --style raw

street photography, full body shot, full shot, man with yellow tshirt and green trousers, tshirt has a cute mouse image on it, mouse image printed on shirt, captured by Hasselblad X1D, Kodak Ektachrome E100 --stvle raw --ar 16:9

fashion photography, the woman dressed in sci-fi outfit in the desert, long pink hair, burning man fashion, detailed facial features, Sony Alpha a7 III camera, desertpunk --s 200

--ar 16:9

cinematic, documentary photo, surprised woman from Germany --ar 16:9 --style raw

street photography, editorial, happy kid in ghana, freedom, hope, independence, sunset, Sony Alpha a7 III camera, Alex Webb style --ar 16:9 --style raw

a women combing her hare with her hands

a women wearing her scarf with her hands visable

| SDXL 1.0 | Midjourney |
| --- | --- |
|  |  |

**Prompt:** A close-up photo of a red flower with water droplets capturing the morning light on, soft bokeh background.

| SDXL 1.0 | Midjourney |
| --- | --- |
|  |  |

**Long Exposure Photography**

cinematic, long exposure photo, a dervish spinning gracefully on a stage, motion blur, dreamlike imagery, image capturing the dynamic and implied movement, Cinestill 800T

--ar 16:9 --style raw

long exposure photo, a moving carousel at night --ar 16:9 --s 200 --style raw

long exposure photo, aerial view of a highway at dawn, in Shanghai, shot with fujifilm velvia, green, red lights

--ar 16:9 --style raw

panning cinematic photo, young man riding a scooter, london --ar 16:9 --s 150

**High-Speed Photography**

Cinematic Directed by:

**Camera Angles & Shots**

Molecular Level Camera Controls:

ATOMIC PROMPTING:

[PHOTOGRAPHY TYPE SUBJECT/ACTION]

[SHOT TYPE] (LOCATION] [FASHION] [YEAR [FILM STOCKI [CAMERA] [DIRECTOR/PHOTOGRAPHER] [EMOTION]

[LIGHTING] [COLOR]

Cinematic, photo, black female flamenco dancer, captured by Hasselblad X1 —ar 21:9 —style raw

Retro look Basic Prompt:

Cinematic, Analog Photo, [SUBJECT/ACTION] [YEAR/DECADE] --ar 16:9 --style raw

**Light - Subject Relationship**

PROMPT STRUCTURE

Cinematic, Portrait Photo, [SUBJECT], [Description of Light and Shadow in Relation to the Subject]

--ar 16:9

--style raw

photo, woman from =, shadow of an airplane covering her body, bird's eye view shot --ar 16:9 --style raw

**Natural Light & Weather**

PROMPT STRUCTURE:

Cinematic, Portrait Photo, [SUBJECT], [Natural Light Source] --ar 16:9 --style raw

street photography, full body shot, full shot, man with yellow tshirt and green trousers, tshirt has a cute mouse image on it, mouse image printed on shirt, captured by Hasselblad X1D, Kodak Ektachrome E100 --stvle raw --ar 16:9

fashion photography, the woman dressed in sci-fi outfit in the desert, long pink hair, burning man fashion, detailed facial features, Sony Alpha a7 III camera, desertpunk --s 200

--ar 16:9

cinematic, documentary photo, surprised woman from Germany --ar 16:9 --style raw

street photography, editorial, happy kid in ghana, freedom, hope, independence, sunset, Sony Alpha a7 III camera, Alex Webb style --ar 16:9 --style raw

a women combing her hare with her hands

a women wearing her scarf with her hands visable