

Sub-Indicator	Anthropic	OpenAI	Google DeepMind	Meta	xAI	DeepSeek	Z.ai	Alibaba Cloud
	Claude Sonnet 4.5	GPT-5	Gemini 2.5 Pro	Llama 4 Maverick	Grok-4	R1	GLM-4.6	Qwen3-Max
Text-based	None found	No OpenAI has announced that it has developed a text watermarking method, but it is still researching for alternatives, due to concerns over its effectiveness against globalized tampering, and disproportionate stigmatizing impact on non-native English speakers. [OpenAI, 2024]	Yes (SynthID) The SynthID system uses particular token selection to introduce a pattern that marks a text as AI-generated [Google DeepMind]. This can be identified using an online detection tool, which is currently accessible only to approved journalists, media professionals, and researchers through a waitlist program. [Google, 2025].	None found	None found	Yes Under the 2025 National Standard on AI-Generated Content Labeling and Watermarking, companies must include explicit watermarks to identify content produced by artificial intelligence. The standard applies to text, images, audio, video, and virtual environments. For each content type, it specifies (1) where the label must appear, (2) the required information to include in the label, and (3) the parameters that determine its visibility or audibility, such as label size, voiceover speed, and display duration. The National Standard is		
Image-based	Claude AI systems do not generate images.	No watermarking (C2PA metadata) Images generated with ChatGPT on the web and the API serving the DALL·E 3 model, will now include C2PA metadata.The metadata can be detected unless it has been removed either accidentally or intentionally. [OpenAI, 2025]	Yes (SynthID) Pattern is embedded in images, can be identified by an online detector, access currently limited. [Google DeepMind]	The open-source Llama 4 family does not include models that can generate images. However, for photorealistic images created using Meta AI, Meta has applied visible labels of "Imagined with AI" and included invisible watermarks and metadata embedded within files. [Meta, 2024]	None found			