# A JavaScript rendering engine is a program that takes JavaScript code and converts it into a format that can be displayed on a web page. The engine does this by first parsing the code, which means breaking it down into its component parts. The engine then compiles the code into a machine-readable form, which is a series of instructions that the computer can understand. Finally, the engine executes the code, which means carrying out the instructions.

# **LIST OF JAVASCRIPT RENDERING ENGINES FOUND IN DIFFERENT BROWSERS**

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| **Browser** | **Rendering Engine** |
| Chrome | V8 |
| Firefox | SpiderMonkey |
| Edge | Chakra (newer versions use Blink) |
| Safari | WebKit |
| Opera | Blink |
| Internet Explorer | Trident (deprecated) |
| Edge Legacy | EdgeHTML (deprecated) |
| Samsung Internet | Blink |
| UC Browser | WebKit |
| Yandex Browser | Blink |