

# Studie zu Browser Fingerprinting: Aufgezeichnete Browsermerkmale

## CSS

Attribut	Beispielwert
anyPointer	fine
color	8
colorGamut	p3
colorScheme	dark
contrast	no-preference
displayMode	browser
forcedColors	0
grid	0
height	579
invertedColors	not-supported
lightLevel	not-supported
mediaType	screen
monochrome	0
orientation	landscape
overflowBlock	not-supported
overflowInline	not-supported
pointer	fine
reducedMotion	no-preference
reducedTransparency	no-preference
resolution	192
scan	not-supported
scripting	not-supported
update	not-supported
width	1645

## Flash

Attribut	Beispielwert
avHardwareDisable	0
cpuArchitecture	x86
fonts	80s Block, ADAM.CG PRO, Adobe Arabic, Adobe Caslon Pro, Adobe Devanagari, Adobe Fan Heiti Std, Adobe[...]
fonts_count	815
hasAccessibility	1
hasAudio	1
hasAudioEncoder	1
hasEmbeddedVideo	1
hasIME	1
hasMP3	1
hasPrinting	1
hasScreenBroadcast	0
hasScreenPlayback	0
hasStreamingAudio	1
hasStreamingVideo	1
hasTLS	1
hasVideoEncoder	1
isAvailable	1
isDebugger	0
isEmbeddedInAcrobat	0
language	en
localFileReadDisable	0
manufacturer	Google Pepper
maxLevelIDC	5.1
os	Mac OS 10.15.4
pixelAspectRatio	1
playerType	PlugIn
screenColor	color
screenDPI	72
screenResolutionX	2560
screenResolutionY	1440
serverString	A=t&SA=t&SV=t&EV=t&MP3=t&AE=t&VE=t&ACC=t&PR=t&SP=f&SB=f&DEB=f&V=MAC%2032%2C0%2C0%2C371&M=Google%20Pe[...]
supports32BitProcesses	1
supports64BitProcesses	1
supportsDTS	0



## Canvas (JavaScript)

Attribut	Beispielwert
2d_1_base64	\8df35t4k[...]
2d_1_has_winding	1
2d_2_base64	\333LzDAz[...]
2d_2_has_winding	1
2d_3_base64	[...]
2d_4_base64	\9fqO7[...]
3d_1_base64	[...]

## Connection (JavaScript)

Attribut	Beispielwert
downlink	8.4
downlinkMax	undefined
effectiveType	4g
rtt	50
saveData	0
type	undefined

## Cookies (JavaScript)

Attribut	Beispielwert
after	166
before	1
count	166
enabled	1
first	0
last	1
maxIndex	1001
minIndex	836

## Date (JavaScript)

Attribut	Beispielwert
impl_calendar	gregory
impl_day	2-digit
impl_era	undefined
impl_hour	undefined
impl_hour12	undefined
impl_locale	en-GB
impl_minute	undefined
impl_month	2-digit
impl_numberingSystem	latn
impl_second	undefined
impl_timezone	Europe/Berlin
impl_timezoneName	undefined
impl_weekday	undefined
impl_year	numeric
locale	08/06/2020, 16:11:34
now	Mon Jun 08 2020 16:11:34 GMT+0200 (Central European Summer Time)
timezone_offset	-120

## Donottrack (JavaScript)

Attribut	Beispielwert
ms	undefined
navigator	null
window	undefined

## Firefox (JavaScript)

Attribut	Beispielwert
probe_css	[{"uri":"chrome:\\branding\\content\\aboutDialog.css","exists":false},{"uri":"chrome:\\browser\\[...]
probe_css_is_firefox	0

Attribut	Beispielwert
probe_img	[{"uri": "chrome:\\\\branding\\content\\icon16.png", "exists": false}, {"uri": "chrome:\\\\browser\\conte[...]
probe_img_is_firefox	0

## Fonts (JavaScript)

Attribut	Beispielwert
	80s Block, ADAM.CG PRO, Adobe Arabic, Adobe Caslon Pro, Adobe Devanagari, Adobe Fan Heiti Std, Adobe[...]
count	810

## Formats (JavaScript)

Attribut	Beispielwert
audio	[{"format": "audio\\mp4; codecs=\"A52\"", "description": "MP4 A52", "canPlayType": false, "canPlayTypeValu[...]
video	[{"format": "application\\x-mpegURL; codecs=\"avc1.42E01E\"", "description": ".M3U8 - HTTP-Live-Streami[...]

## Interaction (JavaScript)

Attribut	Beispielwert
has_MSPoINTEREvent	0
has_addBehavior	0
has_pointerEnabled	undefined
msManipulationViewsEnabled	undefined
msPointerEnabled	undefined

## Keyboard (JavaScript)

Attribut	Beispielwert
layout	Qwerty
layoutmap	{"KeyA": "a", "KeyB": "b", "KeyC": "c", "KeyD": "d", "KeyE": "e", "KeyF": "f", "KeyG": "g", "KeyH": [...]
layoutmap_size	48

## Keys (JavaScript)

Attribut	Beispielwert
clientinformation	vendorSub, productSub, vendor, maxTouchPoints, hardwareConcurrency, cookieEnabled, appCodeName, appN[...]
clientinformation_count	50
navigator	vendorSub, productSub, vendor, maxTouchPoints, hardwareConcurrency, cookieEnabled, appCodeName, appN[...]
navigator_count	50
screen	availWidth, availHeight, width, height, colorDepth, pixelDepth, availLeft, availTop, orientation
screen_count	9
window	parent, opener, top, length, frames, closed, location, self, window, document, name, customElements, [...]
window_count	199

## Math (JavaScript)

Attribut	Beispielwert
constant_e	2.718281828459045
constant_ln10	2.302585092994046
constant_ln2	0.6931471805599453
constant_log10e	0.4342944819032518
constant_log2e	1.4426950408889634
constant_pi	3.141592653589793
constant_sqrt1_2	0.7071067811865476
constant_sqrt2	1.4142135623730951
probe_acos	1.4473588658278522
probe_acosh	709.889355822726
probe_asin	0.12343746096704435
probe_asinh	691.4686750787736
probe_atan	1.1071487177940904
probe_atanh	0.5493061443340548
probe_cbrt	4.641588833612779
probe_cosh	1.5430806348152437
probe_e_diffptest	1
probe_expml	1.718281828459045

Attribut	Beispielwert
probe_sin	0.8414709848078965
probe_sinh	1.1752011936438014
probe_tan	0.5086861259107568
probe_tanh	1

## Media (JavaScript)

Attribut	Beispielwert
devices	[{"kind": "audioinput", "groupId": "aa71727af51d3020c80e208d2355b6af924e31d86fbf24cb427bde36799e612c[...]
devices_count	13

## Mimetypes (JavaScript)

Attribut	Beispielwert
	[{"type": "application/futuresplash", "suffixes": "spl", "description": "FutureSplash Player"}, {"type": "[...]
count	6

## Navigator (JavaScript)

Attribut	Beispielwert
appName	Mozilla
appVersion	5.0 (Macintosh; Intel Mac OS X 10_15_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.3987.12[...]
browserLanguage	undefined
buildID	undefined
deviceMemory	8
getUserMedia	1
hardwareConcurrency	8
javaEnabled	0
language	en-GB
languages	en-GB, en-US, en
mozGetUserMedia	0
onLine	1
oscpu	undefined
platform	MacIntel
product	Gecko
productSub	20030107
systemLanguage	undefined
userAgent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.[...]
userLanguage	undefined
vendor	Google Inc.
vendorSub	
vibrate	1
webdriver	0
webkitGetUserMedia	1

## Payment (JavaScript)

Attribut	Beispielwert
ApplePaySession	0
ApplePaySession_canMakePayments	null
PaymentAddress	1
PaymentInstruments	1
PaymentManager	1
PaymentMethodChangeEvent	1
PaymentRequest	1
PaymentRequestUpdateEvent	1
PaymentResponse	1

## Permission (JavaScript)

Attribut	Beispielwert
accelerometer	granted
accessibility_events	null
ambient_light_sensor	null

Attribut	Beispielwert
background_sync	granted
camera	prompt
clipboard_read	prompt
clipboard_write	granted
geolocation	prompt
gyroscope	granted
magnetometer	granted
microphone	prompt
midi	granted
notifications	prompt
payment_handler	granted
persistent_storage	prompt
push	prompt

## Plugins (JavaScript)

Attribut	Beispielwert
	[{"name":"Chrome PDF Plugin","filename":"internal-pdf-viewer","description":"Portable Document Forma[...]"}]
count	4
ie	null
ie_count	0

## Screen (JavaScript)

Attribut	Beispielwert
availHeight	1417
availLeft	1680
availTop	-151
availWidth	2560
body_clientHeight	15255
body_clientWidth	1645
colorDepth	24
documentElement_clientHeight	579
documentElement_clientWidth	1645
fontSmoothingEnabled	undefined
height	1440
left	undefined
mozBrightness	undefined
mozEnabled	undefined
mozOrientation_type	null
msOrientation_type	null
orientation_angle	0
orientation_type	landscape-primary
pixelDepth	24
top	undefined
width	2560
window_innerHeight	579
window_innerWidth	1645
window_mozInnerScreenX	undefined
window_mozInnerScreenY	undefined
window_mozPaintCount	undefined
window_outerHeight	1331
window_outerWidth	1645
window_pageXOffset	0
window_pageYOffset	0
window_screenLeft	2566
window_screenTop	-42
window_screenX	2566
window_screenY	-42
window_scrollMaxX	undefined
window_scrollMaxY	undefined
window_scrollX	0
window_scrollY	0

## Speech (JavaScript)

Attribut	Beispielwert
synthesis_voices	[{"voiceURI":"Alex","name":"Alex","lang":"en-US","localService":true,"default":true},{"voiceURI":"Al[...]"}]

Attribut	Beispielwert
synthesis_voices_count	67

## Storage (JavaScript)

Attribut	Beispielwert
localStorage_get	1
localStorage_set	1
navigator_webkitPersistentStorage	1
navigator_webkitTemporaryStorage	1
sessionStorage_get	1
sessionStorage_set	1
storage_estimate_quota	299587901030
storage_estimate_usage	0
window_indexedDB	1
window_localStorage	1
window_name	
window_openDatabase	1
window_sessionStorage	1
window_status	

## Toolbar (JavaScript)

Attribut	Beispielwert
visible_menubar	1
visible_personalbar	1
visible_statusbar	1
visible_toolbar	1

## Touch (JavaScript)

Attribut	Beispielwert
can_create_event	0
has_PointerEvent	1
has_TouchEvent	1
has_matchMedia	1
has_matchMedia_anypointer_coarse	0
has_ontouchcancel	0
has_ontouchend	0
has_ontouchmove	0
has_ontouchstart	0
maxTouchPoints	0
msTouchPoints	undefined

## Webgl (JavaScript)

Attribut	Beispielwert
aliased_line_width_range	[1, 1]
aliased_point_size_range	[1, 8191]
alpha_bits	8
blue_bits	8
depth_bits	24
extensions	ANGLE_instanced_arrays, EXT_blend_minmax, EXT_color_buffer_half_float, EXT_disjoint_timer_query, EXT[...]
extensions_count	29
extensions_sorted	ANGLE_instanced_arrays, EXT_blend_minmax, EXT_color_buffer_half_float, EXT_disjoint_timer_query, EXT[...]
fragment_shader_high_float_precision	23
fragment_shader_high_float_rangeMax	127
fragment_shader_high_float_rangeMin	127
fragment_shader_high_int_precision	0
fragment_shader_high_int_rangeMax	30
fragment_shader_high_int_rangeMin	31
fragment_shader_low_float_precision	23
fragment_shader_low_float_rangeMax	127
fragment_shader_low_float_rangeMin	127
fragment_shader_low_int_precision	0
fragment_shader_low_int_rangeMax	30
fragment_shader_low_int_rangeMin	31
fragment_shader_medium_float_precision	23

Attribut	Beispielwert
fragment_shader_medium_float_rangeMax	127
fragment_shader_medium_float_rangeMin	127
fragment_shader_medium_int_precision	0
fragment_shader_medium_int_rangeMax	30
fragment_shader_medium_int_rangeMin	31
green_bits	8
has_antialiasing	1
max_anisotropy	16
max_combined_texture_image_units	80
max_cube_map_texture_size	16384
max_fragment_uniform_vectors	1024
max_renderbuffer_size	16384
max_texture_image_units	16
max_texture_size	16384
max_varying_vectors	32
max_vertex_attribs	16
max_vertex_texture_image_units	16
max_vertex_uniform_vectors	1024
max_viewport_dims	[16384, 16384]
red_bits	8
renderer_masked	37446
renderer_unmasked	AMD Radeon Pro 560 OpenGL Engine
shading_language_version	WebGL GLSL ES 1.0 (OpenGL ES GLSL ES 1.0 Chromium)
stencil_bits	0
vendor_masked	37445
vendor_unmasked	ATI Technologies Inc.
version	WebGL 1.0 (OpenGL ES 2.0 Chromium)
vertex_shader_high_float_precision	23
vertex_shader_high_float_rangeMax	127
vertex_shader_high_float_rangeMin	127
vertex_shader_high_int_precision	0
vertex_shader_high_int_rangeMax	30
vertex_shader_high_int_rangeMin	31
vertex_shader_low_float_precision	23
vertex_shader_low_float_rangeMax	127
vertex_shader_low_float_rangeMin	127
vertex_shader_low_int_precision	0
vertex_shader_low_int_rangeMax	30
vertex_shader_low_int_rangeMin	31
vertex_shader_medium_float_precision	23
vertex_shader_medium_float_rangeMax	127
vertex_shader_medium_float_rangeMin	127
vertex_shader_medium_int_precision	0
vertex_shader_medium_int_rangeMax	30
vertex_shader_medium_int_rangeMin	31

## Window (JavaScript)

Attribut	Beispielwert
AbortController	1
AbortPaymentEvent	0
AbortSignal	1
AbsoluteOrientationSensor	1
AbstractRange	0
AbstractWorker	0
Accelerometer	1
ActiveXObject	0
AmbientLightSensor	0
AnalyserNode	1
Animation	1
AnimationEffect	1
AnimationEvent	1
AnimationPlaybackEvent	0
AnimationTimeline	0
ApplePayError	0
ApplePaySession	0
ApplePaySetup	0
ApplePaySetupFeature	0
ApplicationCache	1
Atomics	1
Attr	1



Attribut	Beispielwert
Audio	1
AudioBuffer	1
AudioBufferSourceNode	1
AudioContext	1
AudioContextOptions	0
AudioDestinationNode	1
AudioListener	1
AudioNode	1
AudioNodeOptions	0
AudioParam	1
AudioParamMap	1
AudioProcessingEvent	1
AudioScheduledSourceNode	1
AudioTrack	0
AudioTrackList	0
AudioWorklet	1
AudioWorkletGlobalScope	0
AudioWorkletNode	1
AudioWorkletProcessor	0
AuthenticationAssertion	0
AuthenticatorAssertionResponse	1
AuthenticatorAttestationResponse	1
AuthenticatorResponse	1
BackgroundFetchManager	1
BackgroundFetchRecord	1
BackgroundFetchRegistration	1
BarProp	1
BaseAudioContext	1
BasicCardRequest	0
BasicCardResponse	0
BatteryManager	1
BeforeInstallPromptEvent	1
BeforeUnloadEvent	1
BiquadFilterNode	1
Blob	1
BlobBuilder	0
BlobEvent	1
Bluetooth	1
BluetoothAdvertisingData	0
BluetoothCharacteristicProperties	1
BluetoothDevice	1
BluetoothRemoteGATTCharacteristic	1
BluetoothRemoteGATTDescriptor	1
BluetoothRemoteGATTServer	1
BluetoothRemoteGATTService	1
BluetoothUUID	1
Body	0
Brave	0
BroadcastChannel	1
BudgetService	0
BudgetState	0
ByteLengthQueuingStrategy	1
CDATASection	1
CSS	1
CSSConditionRule	1
CSSCounterStyleRule	0
CSSGroupingRule	1
CSSImageValue	1
CSSKeyframeRule	1
CSSKeyframesRule	1
CSSKeywordValue	1
CSSMathInvert	1
CSSMathMax	1
CSSMathMin	1
CSSMathNegate	1
CSSMathProduct	1
CSSMathSum	1
CSSMathValue	1
CSSMatrixComponent	1
CSSMediaRule	1
CSSNamespaceRule	1
CSSNumericArray	1
CSSNumericValue	1

Attribut	Beispielwert
CSSPageRule	1
CSSPerspective	1
CSSPositionValue	1
CSSPrimitiveValue	0
CSSPseudoElement	0
CSSRotate	1
CSSRule	1
CSSRuleList	1
CSSScale	1
CSSSkew	1
CSSSkewX	1
CSSSkewY	1
CSSStyleDeclaration	1
CSSStyleRule	1
CSSStyleSheet	1
CSSStyleValue	1
CSSSupportsRule	1
CSSTransformComponent	1
CSSTransformValue	1
CSSTranslate	1
CSSUnitValue	1
CSSUnparsedValue	1
CSSValue	0
CSSValueList	0
CSSVariableReferenceValue	1
Cache	1
CacheStorage	1
CanMakePaymentEvent	0
CanvasCaptureMediaStreamTrack	1
CanvasGradient	1
CanvasPattern	1
CanvasRenderingContext2D	1
CaretPosition	0
ChannelMergerNode	1
ChannelSplitterNode	1
CharacterData	1
ChildNode	0
Client	0
Clients	0
Clipboard	1
ClipboardEvent	1
ClipboardItem	1
CloseEvent	1
Comment	1
CompositionEvent	1
Console	0
ConstantSourceNode	1
ConstrainBoolean	0
ConstrainDOMString	0
ConstrainDouble	0
ConstrainLong	0
ConstrainULong	0
ConvolverNode	1
CountQueuingStrategy	1
Credential	1
CredentialUserData	0
CredentialsContainer	1
Crypto	1
CryptoKey	1
CryptoKeyPair	0
CustomElementRegistry	1
CustomEvent	1
DOMConfiguration	0
DOMError	1
DOMErrorHandler	0
DOMException	1
DOMHighResTimestamp	0
DOMImplementation	1
DOMImplementationList	0
DOMMatrix	1
DOMMatrixReadOnly	1
DOMParser	1
DOMPoint	1

Attribut	Beispielwert
DOMPointInit	0
DOMPointReadOnly	1
DOMQuad	1
DOMRect	1
DOMRectList	1
DOMRectReadOnly	1
DOMStringList	1
DOMStringMap	1
DOMTokenList	1
DataTransfer	1
DataTransferItem	1
DataTransferItemList	1
DataURL	1
DecompressionStream	1
DedicatedWorkerGlobalScope	0
DelayNode	1
DeviceLightEvent	0
DeviceMotionEvent	1
DeviceMotionEventAcceleration	1
DeviceMotionEventRotationRate	1
DeviceOrientationEvent	1
DeviceProximityEvent	0
DirectoryEntrySync	0
DirectoryReaderSync	0
Document	1
DocumentFragment	1
DocumentOrShadowRoot	0
DocumentTimeline	0
DocumentType	1
DoubleRange	0
DragEvent	1
DynamicsCompressorNode	1
EffectTiming	0
Element	1
ElementInternals	1
EnterPictureInPictureEvent	1
EntrySync	0
Error	1
ErrorEvent	1
EvalError	1
Event	1
EventListener	0
EventSource	1
EventTarget	1
ExtendableEvent	0
ExtendableMessageEvent	0
External	1
FeaturePolicy	1
FederatedCredential	1
FetchEvent	0
File	1
FileEntrySync	0
FileError	0
FileException	0
FileList	1
FileReader	1
FileReaderSync	0
FileSystem	0
FileSystemDirectoryEntry	0
FileSystemDirectoryReader	0
FileSystemEntry	0
FileSystemFileEntry	0
FileSystemFlags	0
FileSystemSync	0
FocusEvent	1
FontFace	1
FontFaceSet	0
FontFaceSetLoadEvent	1
FormData	1
FormDataEvent	1
FullscreenOptions	0
Function	1
GainNode	1

Attribut	Beispielwert
Gamepad	1
GamepadButton	1
GamepadEvent	1
GamepadHapticActuator	1
GamepadPose	0
Geolocation	1
GeolocationCoordinates	1
GeolocationPosition	1
GeolocationPositionError	1
GeometryUtils	0
GestureEvent	0
GlobalEventHandlers	0
Gyroscope	1
HMDVRDevice	0
HTMLAllCollection	1
HTMLAnchorElement	1
HTMLAreaElement	1
HTMLAudioElement	1
HTMLBRElement	1
HTMLBaseElement	1
HTMLBaseFontElement	0
HTMLBodyElement	1
HTMLButtonElement	1
HTMLCanvasElement	1
HTMLCollection	1
HTMLContentElement	1
HTMLDListElement	1
HTMLDataElement	1
HTMLDataListElement	1
HTMLDetailsElement	1
HTMLDialogElement	1
HTMLDivElement	1
HTMLDocument	1
HTMLElement	1
HTMLEmbedElement	1
HTMLFieldSetElement	1
HTMLFontElement	1
HTMLFormControlsCollection	1
HTMLFormElement	1
HTMLFrameElement	1
HTMLFrameSetElement	1
HTMLHRElement	1
HTMLHeadElement	1
HTMLHeadingElement	1
HTMLHtmlElement	1
HTMLHyperlinkElementUtils	0
HTMLIFrameElement	1
HTMLImageElement	1
HTMLInputElement	1
HTMLIsIndexElement	0
HTMLKeygenElement	0
HTMLLIElement	1
HTMLLabelElement	1
HTMLLegendElement	1
HTMLLinkElement	1
HTMLMapElement	1
HTMLMarqueeElement	1
HTMLMediaElement	1
HTMLMenuElement	1
HTMLMenuItemElement	0
HTMLMetaElement	1
HTMLMeterElement	1
HTMLModElement	1
HTMLOLListElement	1
HTMLObjectElement	1
HTMLOptGroupElement	1
HTMLOptionElement	1
HTMLOptionsCollection	1
HTMLOutputElement	1
HTMLParagraphElement	1
HTMLParamElement	1
HTMLPictureElement	1
HTMLPreElement	1

Attribut	Beispielwert
HTMLProgressElement	1
HTMLQuoteElement	1
HTMLScriptElement	1
HTMLSelectElement	1
HTMLShadowElement	1
HTMLSlotElement	1
HTMLSourceElement	1
HTMLSpanElement	1
HTMLStyleElement	1
HTMLTableCaptionElement	1
HTMLTableCellElement	1
HTMLTableColElement	1
HTMLTableElement	1
HTMLTableRowElement	1
HTMLTableSectionElement	1
HTMLTemplateElement	1
HTMLTextAreaElement	1
HTMLTimeElement	1
HTMLTitleElement	1
HTMLTrackElement	1
HTMLUListElement	1
HTMLUnknownElement	1
HTMLVideoElement	1
HashChangeEvent	1
Headers	1
History	1
IDBCursor	1
IDBCursorWithValue	1
IDBDatabase	1
IDBDatabaseException	0
IDBEnvironment	0
IDBFactory	1
IDBFileHandle	0
IDBFileRequest	0
IDBIndex	1
IDBKeyRange	1
IDBLocaleAwareKeyRange	0
IDBMutableFile	0
IDBObjectStore	1
IDBOpenDBRequest	1
IDBRequest	1
IDBTransaction	1
IDBVersionChangeEvent	1
IDBVersionChangeRequest	0
IIRFilterNode	1
IdleDeadline	1
ImageBitmap	1
ImageBitmapRenderingContext	1
ImageCapture	1
ImageData	1
Infinity	1
InputDeviceCapabilities	1
InputDeviceInfo	1
InputEvent	1
InstallEvent	0
IntersectionObserver	1
IntersectionObserverEntry	1
Intl	1
Keyboard	1
KeyboardEvent	1
KeyboardLayoutMap	1
KeyframeEffect	1
LargestContentfulPaint	1
LayoutShift	1
LinearAccelerationSensor	1
LinkStyle	0
LocalFileSystem	0
LocalFileSystemSync	0
LocalMediaStream	0
Location	1
Lock	1
LockManager	1
LongRange	0

Attribut	Beispielwert
MIDIAccess	1
MIDIConnectionEvent	1
MIDIInput	1
MIDIInputMap	1
MIDIMessageEvent	1
MIDIOutput	1
MIDIOutputMap	1
MIDIPort	1
MSGestureEvent	0
Magnetometer	0
Map	1
Math	1
MathMLElement	0
MediaCapabilities	1
MediaCapabilitiesInfo	0
MediaDeviceInfo	1
MediaDevices	1
MediaElementAudioSourceNode	1
MediaEncryptedEvent	1
MediaError	1
MediaKeyMessageEvent	1
MediaKeySession	1
MediaKeyStatusMap	1
MediaKeySystemAccess	1
MediaKeySystemConfiguration	0
MediaKeys	1
MediaList	1
MediaMetadata	1
MediaQueryList	1
MediaQueryListEvent	1
MediaQueryListListener	0
MediaRecorder	1
MediaRecorderErrorEvent	0
MediaSession	1
MediaSettingsRange	1
MediaSource	1
MediaStream	1
MediaStreamAudioDestinationNode	1
MediaStreamAudioSourceNode	1
MediaStreamAudioSourceOptions	0
MediaStreamConstraints	0
MediaStreamEvent	1
MediaStreamTrack	1
MediaStreamTrackAudioSourceNode	0
MediaStreamTrackAudioSourceOptions	0
MediaStreamTrackEvent	1
MediaTrackConstraints	0
MediaTrackSettings	0
MediaTrackSupportedConstraints	0
MerchantValidationEvent	0
MessageChannel	1
MessageEvent	1
MessagePort	1
Metadata	0
MimeType	1
MimeTypeArray	1
MouseEvent	1
MouseScrollEvent	0
MouseWheelEvent	0
MutationEvent	1
MutationObserver	1
MutationObserverInit	0
MutationRecord	1
NaN	1
NamedNodeMap	1
NavigationPreloadManager	1
Navigator	1
NavigatorConcurrentHardware	0
NavigatorID	0
NavigatorLanguage	0
NavigatorOnLine	0
NavigatorPlugins	0
NavigatorStorage	0

Attribut	Beispielwert
NetworkInformation	1
Node	1
NodeFilter	1
NodeIterator	1
NodeList	1
NonDocumentTypeChildNode	0
Notation	0
Notification	1
NotificationEvent	0
OfflineAudioCompletionEvent	1
OfflineAudioContext	1
OffscreenCanvas	1
OffscreenCanvasRenderingContext2D	1
OrientationSensor	1
OscillatorNode	1
OverconstrainedError	1
OverconstrainedErrorEvent	0
OverflowEvent	0
PERSISTENT	1
PageTransitionEvent	1
PaintRenderingContext2D	0
PaintSize	0
PaintWorkletGlobalScope	0
PannerNode	1
ParentNode	0
PasswordCredential	1
Path2D	1
PayerErrors	0
PaymentAddress	1
PaymentCurrencyAmount	0
PaymentDetailsBase	0
PaymentDetailsInit	0
PaymentDetailsUpdate	0
PaymentInstruments	1
PaymentItem	0
PaymentManager	1
PaymentMethodChangeEvent	1
PaymentRequest	1
PaymentRequestEvent	0
PaymentRequestUpdateEvent	1
PaymentResponse	1
Performance	1
PerformanceEntry	1
PerformanceFrameTiming	0
PerformanceLongTaskTiming	1
PerformanceMark	1
PerformanceMeasure	1
PerformanceNavigation	1
PerformanceNavigationTiming	1
PerformanceObserver	1
PerformanceObserverEntryList	1
PerformancePaintTiming	1
PerformanceResourceTiming	1
PerformanceServerTiming	1
PerformanceTiming	1
PeriodicSyncManager	1
PeriodicWave	1
PermissionStatus	1
Permissions	1
PhotoCapabilities	1
PictureInPicture	0
PictureInPictureWindow	1
Plugin	1
PluginArray	1
Point	0
PointerEvent	1
PopStateEvent	1
PositionOptions	0
PositionSensorVRDevice	0
Presentation	1
PresentationAvailability	1
PresentationConnection	1
PresentationConnectionAvailableEvent	1

Attribut	Beispielwert
PresentationConnectionCloseEvent	1
PresentationConnectionList	1
PresentationReceiver	1
PresentationRequest	1
ProcessingInstruction	1
ProgressEvent	1
Promise	1
PromiseRejectionEvent	1
ProximitySensor	0
Proxy	1
PublicKeyCredential	1
PublicKeyCredentialCreationOptions	0
PublicKeyCredentialRequestOptions	0
PushEvent	0
PushManager	1
PushMessageData	0
PushRegistrationManager	0
PushSubscription	1
PushSubscriptionChangeEvent	0
PushSubscriptionOptions	1
RTCAnswerOptions	0
RTCCertificate	1
RTCConfiguration	0
RTCDTMFSender	1
RTCDTMFToneChangeEvent	1
RTCDataChannel	1
RTCDataChannelEvent	1
RTCDtlsTransport	1
RTCError	1
RTCErrorEvent	1
RTCIceCandidate	1
RTCIceCandidateInit	0
RTCIceCandidatePairStats	0
RTCIceCandidateStats	0
RTCIceCandidateType	0
RTCIceComponent	0
RTCIceCredentialType	0
RTCIceGatherer	0
RTCIceServer	0
RTCIceTransport	1
RTCIdentityAssertion	0
RTCIdentityErrorEvent	0
RTCIdentityEvent	0
RTCIdentityProviderGlobalScope	0
RTCIdentityProviderRegistrar	0
RTCOfferAnswerOptions	0
RTCOfferOptions	0
RTCPeerConnection	1
RTCPeerConnectionIceErrorEvent	1
RTCPeerConnectionIceEvent	1
RTCRtpContributingSource	0
RTCRtpEncodingParameters	0
RTCRtpReceiver	1
RTCRtpSendParameters	0
RTCRtpSender	1
RTCRtpStreamStats	0
RTCRtpSynchronizationSource	0
RTCRtpTransceiver	1
RTCRtpTransceiverDirection	0
RTCRtpTransceiverInit	0
RTCSctpTransport	1
RTCSessionDescription	1
RTCSessionDescriptionCallback	0
RTCStatsEvent	0
RTCStatsReport	1
RTCTrackEvent	1
RTCTrackEventInit	0
RadioNodeList	1
Range	1
RangeError	1
ReadableByteStreamController	0
ReadableStream	1
ReadableStreamBYOBReader	0



Attribut	Beispielwert
ReadableStreamBYOBRequest	0
ReadableStreamDefaultController	0
ReadableStreamDefaultReader	1
ReferenceError	1
Reflect	1
RelativeOrientationSensor	1
ReportingObserver	1
Request	1
RequestDestination	0
ResizeObserver	1
ResizeObserverEntry	1
Response	1
SQLTransaction	0
SVGElement	1
SVGAltGlyphDefElement	0
SVGAltGlyphElement	0
SVGAltGlyphItemElement	0
SVGAngle	1
SVGAnimateColorElement	0
SVGAnimateElement	1
SVGAnimateMotionElement	1
SVGAnimateTransformElement	1
SVGAnimatedAngle	1
SVGAnimatedBoolean	1
SVGAnimatedEnumeration	1
SVGAnimatedInteger	1
SVGAnimatedLength	1
SVGAnimatedLengthList	1
SVGAnimatedNumber	1
SVGAnimatedNumberList	1
SVGAnimatedPoints	0
SVGAnimatedPreserveAspectRatio	1
SVGAnimatedRect	1
SVGAnimatedString	1
SVGAnimatedTransformList	1
SVGAnimationElement	1
SVGCircleElement	1
SVGClipPathElement	1
SVGColorProfileElement	0
SVGComponentTransferFunctionElement	1
SVGCursorElement	0
SVGDefsElement	1
SVGDescElement	1
SVGElement	1
SVGEllipseElement	1
SVGExternalResourcesRequired	0
SVGFEBlendElement	1
SVGFEColorMatrixElement	1
SVGFComponentTransferElement	1
SVGFECompositeElement	1
SVGFEConvolveMatrixElement	1
SVGFEDiffuseLightingElement	1
SVGFEDisplacementMapElement	1
SVGFEDistantLightElement	1
SVGFEDropShadowElement	1
SVGFEFloodElement	1
SVGFFuncAElement	1
SVGFFuncBElement	1
SVGFFuncGElement	1
SVGFFuncRElement	1
SVGFEGaussianBlurElement	1
SVGFImageElement	1
SVGFMergeElement	1
SVGFMergeNodeElement	1
SVGFEMorphologyElement	1
SVGFEOffsetElement	1
SVGFPointLightElement	1
SVGFESpecularLightingElement	1
SVGFESpotLightElement	1
SVGFETileElement	1
SVGFETurbulenceElement	1
SVGFilterElement	1
SVGFilterPrimitiveStandardAttributes	0

Attribut	Beispielwert
SVGFontElement	0
SVGFontFaceElement	0
SVGFontFaceFormatElement	0
SVGFontFaceNameElement	0
SVGFontFaceSrcElement	0
SVGFontFaceUriElement	0
SVGForeignObjectElement	1
SVGGElement	1
SVGGeometryElement	1
SVGGlyphElement	0
SVGGlyphRefElement	0
SVGGradientElement	1
SVGGraphicsElement	1
SVGHKernElement	0
SVGImageElement	1
SVGLength	1
SVGLengthList	1
SVGLineElement	1
SVGLinearGradientElement	1
SVGMPathElement	1
SVGMaskElement	1
SVGMatrix	1
SVGMeshElement	0
SVGMetadataElement	1
SVGMissingGlyphElement	0
SVGNumber	1
SVGNumberList	1
SVGPathElement	1
SVGPatternElement	1
SVGPoint	1
SVGPolygonElement	1
SVGPolylineElement	1
SVGPreserveAspectRatio	1
SVGRadialGradientElement	1
SVGRect	1
SVGRectElement	1
SVGRenderingIntent	0
SVGSVGElement	1
SVGScriptElement	1
SVGSetElement	1
SVGSolidcolorElement	0
SVGStopElement	1
SVGStringList	1
SVGStylable	0
SVGStyleElement	1
SVGSwitchElement	1
SVGSymbolElement	1
SVGTERefElement	0
SVGTSpanElement	1
SVGTests	0
SVGTextContentElement	1
SVGTextElement	1
SVGTextPathElement	1
SVGTextPositioningElement	1
SVGTitleElement	1
SVGTransform	1
SVGTransformList	1
SVGTransformable	0
SVGURIReference	0
SVGUnitTypes	1
SVGUnknownElement	0
SVGUseElement	1
SVGVKernElement	0
SVGViewElement	1
SVGZoomAndPan	0
ScopedCredential	0
ScopedCredentialInfo	0
Screen	1
ScreenOrientation	1
ScriptProcessorNode	1
ScrollToOptions	0
SecurityPolicyViolationEvent	1
Selection	1

Attribut	Beispielwert
Sensor	1
SensorErrorEvent	1
ServiceWorker	1
ServiceWorkerContainer	1
ServiceWorkerGlobalScope	0
ServiceWorkerMessageEvent	0
ServiceWorkerRegistration	1
ShadowRoot	1
SharedArrayBuffer	1
SharedWorker	1
SharedWorkerGlobalScope	0
Slotable	0
SourceBuffer	1
SourceBufferList	1
SpeechGrammar	0
SpeechGrammarList	0
SpeechRecognition	0
SpeechRecognitionAlternative	0
SpeechRecognitionErrorEvent	0
SpeechRecognitionEvent	0
SpeechRecognitionResult	0
SpeechRecognitionResultList	0
SpeechSynthesis	0
SpeechSynthesisErrorEvent	1
SpeechSynthesisEvent	1
SpeechSynthesisUtterance	1
SpeechSynthesisVoice	0
StaticRange	1
StereoPannerNode	1
Storage	1
StorageEstimate	0
StorageEvent	1
StorageManager	1
StorageQuota	0
StylePropertyMap	1
StylePropertyMapReadOnly	1
StyleSheet	1
StyleSheetList	1
SubtleCrypto	1
SyncEvent	0
SyncManager	1
SyntaxError	1
TEMPORARY	1
TaskAttributionTiming	1
Text	1
TextDecoder	1
TextDecoderStream	1
TextEncoder	1
TextEncoderStream	1
TextMetrics	1
TextTrack	1
TextTrackCue	1
TextTrackCueList	1
TextTrackList	1
TimeRanges	1
Touch	1
TouchEvent	1
TouchList	1
TrackDefault	0
TrackDefaultList	0
TrackEvent	1
Transferable	0
TransformStream	1
TransformStreamDefaultController	0
TransitionEvent	1
TreeWalker	1
TypeError	1
UIEvent	1
ULongRange	0
URIError	1
URL	1
URLSearchParams	1
URLUtilsReadOnly	0

Attribut	Beispielwert
USB	1
USBAlternateInterface	1
USBConfiguration	1
USBConnectionEvent	1
USBDevice	1
USBEndpoint	1
USBInTransferResult	1
USBInterface	1
USBIsochronousInTransferPacket	1
USBIsochronousInTransferResult	1
USBIsochronousOutTransferPacket	1
USBIsochronousOutTransferResult	1
USBOutTransferResult	1
USBPermissionResult	0
UserActivation	1
UserDataHandler	0
UserMessageHandler	0
UserMessageHandlersNamespace	0
UserProximityEvent	0
VRDisplay	0
VRDisplayCapabilities	0
VRDisplayEvent	0
VREyeParameters	0
VRFieldOfView	0
VRFrameData	0
VRLayerInit	0
VRPose	0
VRStageParameters	0
VTCue	1
ValidityState	1
VideoPlaybackQuality	1
VideoTrack	0
VideoTrackList	0
VisualViewport	1
WaveShaperNode	1
WeakMap	1
WeakSet	1
WebAssembly	1
WebAuthentication	0
WebGL2ComputeRenderingContext	0
WebGL2RenderingContext	1
WebGLActiveInfo	1
WebGLBuffer	1
WebGLContextEvent	1
WebGLFramebuffer	1
WebGLObject	0
WebGLProgram	1
WebGLQuery	1
WebGLRenderbuffer	1
WebGLRenderingContext	1
WebGLSampler	1
WebGLShader	1
WebGLShaderPrecisionFormat	1
WebGLSync	1
WebGLTexture	1
WebGLTransformFeedback	1
WebGLUniformLocation	1
WebGLVertexArrayObject	1
WebGLVertexArrayObjectOES	0
WebKitAnimationEvent	0
WebKitCSSMatrix	1
WebKitMediaKeyError	0
WebKitMediaKeyMessageEvent	0
WebKitMediaKeyNeededEvent	0
WebKitMediaKeySession	0
WebKitMediaKeys	0
WebKitMutationObserver	1
WebKitNamespace	0
WebKitPlaybackTargetAvailabilityEvent	0
WebKitPoint	0
WebKitTransitionEvent	0
WebSocket	1
WheelEvent	1

Attribut	Beispielwert
Window	1
WindowClient	0
WindowEventHandlers	0
WindowOrWorkerGlobalScope	0
Worker	1
WorkerGlobalScope	0
WorkerLocation	0
WorkerNavigator	0
Worklet	1
WritableStream	1
WritableStreamDefaultController	0
WritableStreamDefaultWriter	1
XDomainRequest	0
XMLDocument	1
XMLHttpRequest	1
XMLHttpRequestEventTarget	1
XMLHttpRequestUpload	1
XMLSerializer	1
XPathEvaluator	1
XPathExpression	1
XPathResult	1
XRBoundedReferenceSpace	1
XREnvironmentBlendMode	0
XREye	0
XRFrame	1
XRFrameRequestCallback	0
XRInputSource	1
XRInputSourceArray	1
XRInputSourceEvent	1
XRInputSourcesChangeEvent	1
XRPose	1
XRReferenceSpace	1
XRReferenceSpaceEvent	1
XRigidTransform	1
XRSession	1
XRSessionEvent	1
XRSessionMode	0
XRSpace	1
XRSystem	0
XRView	1
XRViewerPose	1
XRViewport	1
XRWebGLLayer	1
XRWebGLLayerInit	0
XSLTProcessor	1
mozRTCPeerConnection	0
msRTCPeerConnection	0
openDatabase	1
webkitAudioContext	0
webkitAudioPannerNode	0
webkitCancelAnimationFrame	1
webkitCancelRequestAnimationFrame	0
webkitConvertPointFromNodeToPage	0
webkitConvertPointFromPageToNode	0
webkitIndexedDB	0
webkitMediaStream	1
webkitOfflineAudioContext	0
webkitRTCPeerConnection	1
webkitRequestAnimationFrame	1
webkitRequestFileSystem	1
webkitResolveLocalFileSystemURL	1
webkitSpeechGrammar	1
webkitSpeechGrammarList	1
webkitSpeechRecognition	1
webkitSpeechRecognitionError	1
webkitSpeechRecognitionEvent	1
webkitStorageInfo	1
webkitURL	1

Attribut	Beispielwert
end_performance_now	7640
end_time_now	1591625496515
feature_timings	{"Date": {"end": 1591625495250, "diff": 585, "start": 1591625494665}, "Flash": {"end": 1591625494663[...]
fp_errors	{"js_touch_can_create_event": "NotSupportedError: Failed to execute 'createEvent' on 'Document': The [...]
implementation	[{"key": "window", "str": "[object Window]", "str_len": 15, "con_str": "function Window() { [native code] }[...]
js_exceptions	[{"payload": "\\\"a\\\" += \\\"b\\\" += \\\"c\\\";", "exception_typeof": "object", "exception_name": "SyntaxError", "e[...]
memory_jsHeapSizeLimit	4294705152
memory_totalJSHeapSize	28931441
memory_usedJSHeapSize	23737145
result_state	null
start_performance_now	2755
start_time_now	1591625491629
timing_connectEnd	1591625488935
timing_connectStart	1591625488929
timing_domComplete	1591625490053
timing_domContentLoadedEventEnd	1591625489929
timing_domContentLoadedEventStart	1591625489912
timing_domInteractive	1591625489912
timing_domLoading	1591625489615
timing_domainLookupEnd	1591625488929
timing_domainLookupStart	1591625488929
timing_fetchStart	1591625488885
timing_loadEventEnd	1591625490055
timing_loadEventStart	1591625490053
timing_navigationStart	1591625488875
timing_origin	1591548151333
timing_redirectEnd	0
timing_redirectStart	0
timing_requestStart	1591625488935
timing_responseEnd	1591625489588
timing_responseStart	1591625489570
timing_secureConnectionStart	1591625488929
timing_unloadEventEnd	1591625489574
timing_unloadEventStart	1591625489574

## User-Agent Parsing (HTTP)

Attribut	Beispielwert
browser_name	Chrome
browser_version	80.0.3987.122
engine_name	Blink
engine_version	null
os_name	macOS
os_version	10.15.4
os_version_name	Catalina
platform_model	null
platform_type	desktop
platform_vendor	Apple