Feature	`null`	`undefined`
Type	`object`	`undefined`
Purpose	Represents an intentional absence of any object value; it's an assignment value indicating a variable is empty or unknown.	Represents a variable that has been declared but not yet assigned a value.
Default Value	Not a default value; must be explicitly assigned.	Default value for variables that are declared but not initialized.
Usage	Used when you want to intentionally clear a value, such as resetting an object.	Used by JavaScript when a variable is declared but not given a value, or when a function does not return anything explicitly.
Comparisons (`==`)	`null == undefined` evaluates to `true`.	`undefined == null` evaluates to `true`.
Strict Comparisons (`===`)	`null === undefined` evaluates to `false`.	`undefined === null` evaluates to `false`.
Typeof Operator	`typeof null` returns `"object"`.	`typeof undefined` returns `"undefined"`.
JSON Representation	Serialized as `null` in JSON.	Not included in JSON serialization.
Errors	Typically not a source of errors when used intentionally.	Can lead to runtime errors if a variable is used before being assigned.
Global Scope	Not automatically defined in the global scope; must be explicitly set.	Automatically defined in the global scope for uninitialized variables.
Function Parameters	Can be passed explicitly as `null` to indicate no value.	If a function parameter is not passed, it defaults to `undefined`.