
Interop 2023

— TPAC breakout, Sep 14, 2022 —
Hosted by foolip@

What is Interop 2023?

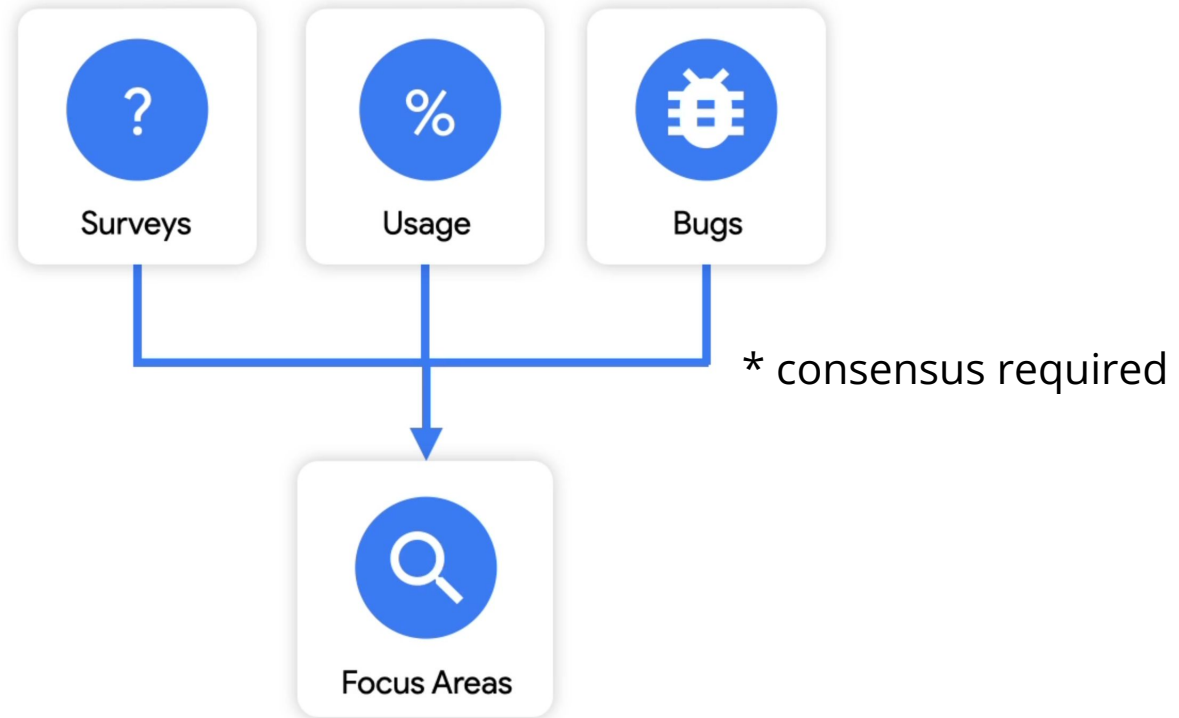
Interop 2023 aims to make the web **more interoperable in key areas**, prioritized by web developer and user needs.

The team is formed of browser vendors and other contributors to the web platform, and is part of [the web-platform-tests project](#).

Public call for proposals beginning **September 15**

But first! Interop 2022!

Prioritization framework



STATE OF



2021

Subgrid

The subgrid value of `grid-template-columns` and `grid-template-rows` means that a grid item that has `display: grid` applied can inherit the track definition from the part of the parent grid it is placed over.

Turnip greens

Yarrow ricebean rutabaga endive cauliflower sea lettuce kohlrabi amaranth water spinach avocado daikon napa cabbage asparagus winter purslane kale. Celery potato scallion desert.

Lotus root water spinach fennel kombu maize bamboo shoot.

Sea lettuce lettuce water chestnut eggplant

green bean swiss chard seakale pumpkin onion chickpea gram corn pea.

Celery potato

Kohlrabi beetroot carrot watercress

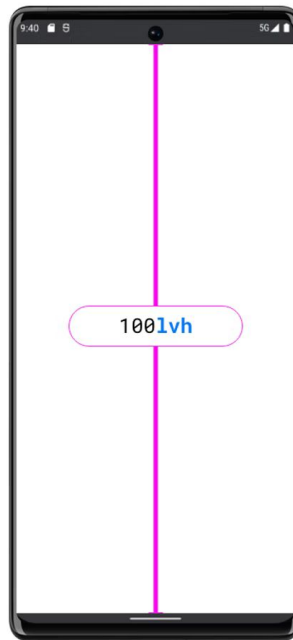
Brussels sprout coriander water chestnut gourd swiss chard wakame. Corn amaranth salsify bunya nuts nori azuki bean chickweed potato bell pepper artichoke.

Raisin horseradish spinach carrot soko

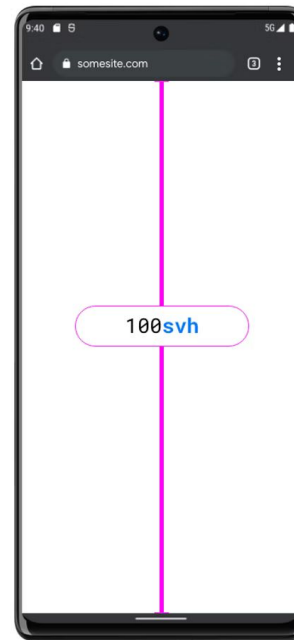
New Viewport Units

New units for the largest, smallest, and dynamic viewport sizes, `lv*`, `sv*`, and `dv*`.

These units will make it easier to create layouts that fill the visible viewport on mobile devices while taking the address bar into account.

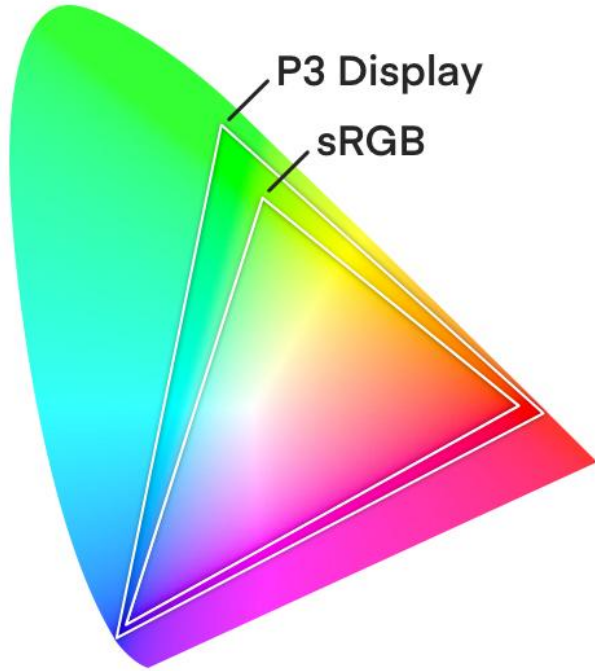


lvh
largest
viewport height

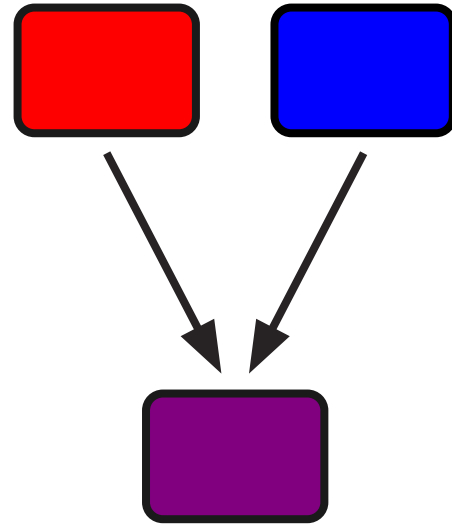


svh
smallest
viewport height

Color Spaces and Functions



`color-mix(in srgb, red, blue)`



Current Scores

79



Chrome
Dev



Edge
Dev

82



Firefox
Nightly

86



Safari
Technology Preview

And now! Interop 2023!

Timeline

- **September 15 to October 15:** Submit your proposal!
- **Rest of October:** The Interop team reviews proposals. Refinements can be made.
- **November:** The Interop team decide which proposals to include in Interop 2023.
- **December:** Detailed review of the tests, possibly writing additional tests.
- **January, 2023:** Prepare and launch public dashboard.
- **Throughout 2023:** Work hard, track progress on the dashboard.

Making a proposal

Read the [README!](#)

Use the [template](#) →

→ let's walk through it!

Issue: Focus Area Proposal

Proposal for an Interop 2023 Focus Area. If this doesn't look right, [choose a different type](#).



Fix the web, please

Thanks for taking the time to make a proposal for Interop 2023!

Please see the [Interop 2023 README](#) for the timeline and what to expect from the process.

If this feature is widely implemented, but lacks a high quality specification or tests, an [Investigation Effort](#) may be more appropriate.

Description

Brief description of the feature. Try to be clear about what parts of the feature are included and not.

Rationale

Reasons for including the feature. A few dimensions to consider are:

- Web developer sentiment from polls or surveys, for example, [MDN surveys](#) or [State of CSS](#).
- Examples of sites or libraries working around a missing feature or browser bug.
- Browser bugs or browser bug statistics, for example, [Chromium](#), [Gecko](#), or [WebKit](#).
- Current usage of the feature, for example, [Chrome use counters](#) or [HTTP Archive](#).

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Specification




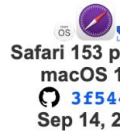


Specification for the feature. The feature should be defined by a standards-track specification from the following organizations:

- IETF (Standard Track)
- Khronos Group
- TC39 (Stage 2+)
- W3C (Recommendation Track)
- WHATWG

Tests

Tests for the feature in web-platform-tests on wpt.fyi, or in Test262 on test262.report.

These are the tests that will be used to score progress in this Focus Area.

Path	 Chrome 107 Linux 20.04 3f544cd Sep 14, 2022	 Edge 107 Windows 10.0 3f544cd Sep 14, 2022	 Firefox 106 Linux 20.04 3f544cd Sep 14, 2022	 Safari 153 preview macOS 12.6 3f544cd Sep 14, 2022
^	^	^	^	^
css-style-declaration-alias-enumeration.html	50 / 51 	50 / 51	50 / 51 	50 / 51
historical.html	3 / 3	3 / 3	3 / 3	3 / 3
idlharness.window.html	23 / 29	23 / 29	23 / 29	23 / 29
webkit-background-origin-text.html	1 / 1	1 / 1	1 / 1	1 / 1
webkit-box-clamp-bottom-border.html	1 / 1	0 / 1	1 / 1	1 / 1
webkit-box-clamp-visibility-change.html	1 / 1	1 / 1	1 / 1	1 / 1
webkit-box-fieldset.html	1 / 1	1 / 1	1 / 1	0 / 1
webkit-box-horizontal-reverse-variants.html	1 / 1	1 / 1	0 / 1	1 / 1

What to expect

- Be available to answer questions
- Interop 2023 is not a process for making browser vendors work on things they're opposed to. Decisions are made by consensus, so highly contentious features are unlikely to be accepted.
- Even great proposals may ultimately not be accepted, since we have to prioritize.

Breakout,
discuss!