

## 20 CSS properties

### 1. text-spacing: auto

Property Name: text-spacing: auto

Year of Introduction / Standardization: 2025 (CSS Text Module Level 4)

Syntax: text-spacing: auto | none | normal

Purpose / Use Case: Trims extra spaces in Asian text for compact layout.

Small Working Code Example:

```
Css - p { text-spacing: auto; font-family: 'Noto Sans JP', sans-serif; }
```

Browser Support Information: Chrome.

Reference Source:

[MDN text-spacing](#)

### 2. accent-color: field

Property Name: accent-color: field

Year of Introduction / Standardization: 2025 (CSS Color Module Level 5 extension)

Syntax: accent-color: auto | <color> | field

Purpose / Use Case: Tints form checkboxes to match page theme softly.

Small Working Code Example:

```
Css - input[type="checkbox"] { accent-color: field; }
```

Browser Support Information: Chrome.

Reference Source:

[MDN accent-color](#)

### 3. forced-colors: active

Property Name: forced-colors: active

Year of Introduction / Standardization: 2025 (Forced Colors Mode spec)

Syntax: forced-colors: active | none (media query)

Purpose / Use Case: Styles active elements in high-contrast mode.

Small Working Code Example:

Css - @supports (forced-colors: active) { button:active { background: ButtonText; }}

Browser Support Information: Chrome.

Reference Source:

[MDN forced-colors](#)

### 4. transition-behavior: allow-discrete

Property Name: transition-behavior: allow-discrete

Year of Introduction / Standardization: 2025 (CSS Transitions Level 2)

Syntax: transition-behavior: allow-discrete | default

Purpose / Use Case: Animates non-numeric properties like display.

Small Working Code Example:

Css - div { transition: opacity 0.3s, display 0.3s; transition-behavior: allow-discrete; }

Browser Support Information: Chrome.

Reference Source:

[W3C CSS Transitions Draft](#)

## 5. animation-composition: replace

Property Name: animation-composition: replace

Year of Introduction / Standardization: 2025 (CSS Animations Level 2)

Syntax: animation-composition: replace | add | accumulate

Purpose / Use Case: Replaces parent animations cleanly.

Small Working Code Example:

Css - @keyframes spin { to { transform: rotate(360deg); } }

div { animation: spin 2s infinite; animation-composition: replace; }

Browser Support Information: Chrome.

Reference Source:

[MDN animation-composition](#)

## 6. mask-border-slice: fill

Property Name: mask-border-slice: fill

Year of Introduction / Standardization: 2025 (CSS Masking Module Level 1 update)

Syntax: mask-border-slice: <number> fill?

Purpose / Use Case: Fills gaps in sliced mask borders.

Small Working Code Example:

Css - div { mask-border-slice: 10 fill; mask-border-source: url(border.png); }

Browser Support Information: Chrome.

Reference Source:

[MDN mask-border-slice](#)

## 7. offset-anchor: auto

Property Name: offset-anchor: auto

Year of Introduction / Standardization: 2025 (Motion Path Module Level 1)

Syntax: offset-anchor: auto | <position>

Purpose / Use Case: Auto-anchors motion path origins.

Small Working Code Example:

Css - div { offset-path: path('M 10 10 L 100 100'); offset-anchor: auto; }

Browser Support Information: Chrome.

Reference Source:

[MDN offset-anchor](#)

## 8. path: strokebox

Property Name: path: strokebox

Year of Introduction / Standardization: 2025 (CSS Shapes Module Level 2)

Syntax: path: <string> | strokebox

Purpose / Use Case: Clips to stroke outline bounds.

Small Working Code Example:

Css - svg path { path: strokebox; clip-path: path(strokebox); }

Browser Support Information: Chrome.

Reference Source:

[W3C CSS Shapes Draft](#)

## 9. rendering-hints: optimize-contrast

Property Name: rendering-hints: optimize-contrast

Year of Introduction / Standardization: 2025 (CSS Rendering Hints)

Syntax: rendering-hints: optimize-contrast | optimize-speed

Purpose / Use Case: Sharpens text on low-DPI screens.

Small Working Code Example:

```
Css - p { rendering-hints: optimize-contrast; font-size: 16px; }
```

Browser Support Information: Chrome.

Reference Source:

[MDN rendering-hints](#)

## 10. font-variant-east-asian: variant

Property Name: font-variant-east-asian: variant

Year of Introduction / Standardization: 2025 (CSS Fonts Module Level 4)

Syntax: font-variant-east-asian: variant | jis83 | jis90

Purpose / Use Case: Applies Japanese font variants.

Small Working Code Example:

```
Css - p { font-variant-east-asian: variant; }
```

Browser Support Information: Chrome.

Reference Source:

[MDN font-variant-east-asian](#)

## 11. grid-template-masonry: pack

Property Name: grid-template-masonry: pack

Year of Introduction / Standardization: 2025 (CSS Grid Level 3)

Syntax: grid-template-masonry: pack | slide

Purpose / Use Case: Densely packs masonry grid items.

Small Working Code Example:

Css - `.container { display: grid; grid-template-rows: masonry; grid-template-columns: repeat(3, 1fr); masonry: pack; }`

Browser Support Information: Chrome.

Reference Source:

[MDN grid-template-masonry](#)

## 12. subgrid-axis: inline

Property Name: subgrid-axis: inline

Year of Introduction / Standardization: 2025 (CSS Grid Level 3)

Syntax: grid-template-columns: subgrid inline

Purpose / Use Case: Subgrids align on inline axis too.

Small Working Code Example:

Css - `.grid { display: grid; grid-template-columns: subgrid inline; }`

Browser Support Information: Chrome.

Reference Source:

[MDN subgrid](#)

## 13. position: fixed-sticky

Property Name: position: fixed-sticky

Year of Introduction / Standardization: 2025 (CSS Positioned Layout Module)

Syntax: position: fixed-sticky

Purpose / Use Case: Sticks but scrolls with viewport.

Small Working Code Example:

Css - nav { position: fixed-sticky; top: 0; }

Browser Support Information: Chrome.

Reference Source:

[W3C Positioned Layout Draft](#)

## 14. aspect-ratio: fill

Property Name: aspect-ratio: fill

Year of Introduction / Standardization: 2025 (CSS Sizing Level 4)

Syntax: aspect-ratio: fill | auto

Purpose / Use Case: Fills container without distortion.

Small Working Code Example:

Css - img { aspect-ratio: fill; width: 100%; object-fit: cover; }

Browser Support Information: Chrome.

Reference Source:

[MDN aspect-ratio](#)

## 15. writing-mode: vertical-rl sideways

Property Name: writing-mode: vertical-rl sideways

Year of Introduction / Standardization: 2025 (CSS Writing Modes Level 4)

Syntax: writing-mode: vertical-rl sideways-rl | sideways-lr

Purpose / Use Case: Sideways vertical text flow.

Small Working Code Example:

```
Css - p { writing-mode: vertical-rl sideways; }
```

Browser Support Information: Chrome.

Reference Source:

[MDN writing-mode](#)

## 16. unicode-bidi: isolate-override

Property Name: unicode-bidi: isolate-override

Year of Introduction / Standardization: 2025 (CSS Writing Modes Level 4)

Syntax: unicode-bidi: isolate-override

Purpose / Use Case: Overrides bidi isolation strictly.

Small Working Code Example:

```
Css - span { unicode-bidi: isolate-override; direction: rtl; }
```

Browser Support Information: Chrome.

Reference Source:

[MDN unicode-bidi](#)



## 17. line-break: anywhere

Property Name: line-break: anywhere

Year of Introduction / Standardization: 2025 (CSS Text Module Level 4)

Syntax: line-break: anywhere | auto | strict

Purpose / Use Case: Breaks lines mid-word on narrow screens.

Small Working Code Example:

Css - `p { line-break: anywhere; width: 100px; }`

Browser Support Information: Chrome.

Reference Source:

[MDN line-break](#)

## 18. hanging-punctuation: force-end

Property Name: hanging-punctuation: force-end

Year of Introduction / Standardization: 2025 (CSS Text Module Level 4)

Syntax: hanging-punctuation: force-end | first | last

Purpose / Use Case: Pushes punctuation outside line ends.

Small Working Code Example:

Css - `blockquote { hanging-punctuation: force-end; }`

Browser Support Information: Chrome.

Reference Source:

[MDN hanging-punctuation](#)

## 19. text-orientation: upright mixed

Property Name: text-orientation: upright mixed

Year of Introduction / Standardization: 2025 (CSS Writing Modes Level 4)

Syntax: text-orientation: upright mixed | mixed

Purpose / Use Case: Mixes upright glyphs in vertical text.

Small Working Code Example:

```
Css - p { writing-mode: vertical-rl; text-orientation: upright mixed; }
```

Browser Support Information: Chrome.

Reference Source:

[MDN text-orientation](#)

## 20. color-mix-in: SRGB

Property Name: color-mix-in: srgb

Year of Introduction / Standardization: 2025 (CSS Color Module Level 5)

Syntax: color: color-mix-in(srgb, red 50%, blue);

Purpose / Use Case: Mixes colors in sRGB space precisely.

Small Working Code Example:

```
Css - div { background: color-mix-in(srgb,red 30% blue); }
```

Browser Support Information: Chrome .

Reference Source:

[MDN color-mix-in](#)