

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(F320C1)	Hex(F338C7)	Hex(F351CD)	Hex(F369D2)	Hex(F381D8)	Hex(F399DE)	Hex(F3B2E4)	Hex(F3CAE9)	Hex(F3E2EF)	Hex(F3FBF5)
Hex(F320C1)		Ratio: 1.07 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(F338C7)	Ratio: 1.07 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(F351CD)	Ratio: 1.19 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(F369D2)	Ratio: 1.34 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(F381D8)	Ratio: 1.55 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(F399DE)	Ratio: 1.80 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(F3B2E4)	Ratio: 2.13 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(F3CAE9)	Ratio: 2.49 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(F3E2EF)	Ratio: 2.93 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(F3FBF5)	Ratio: 3.44 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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