

Converting Colors - WCAG Matrix

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

Hex(C038A4) Hex(FAC5EF) Hex(5338C0) Hex(7D5E77) Hex(FCFCFC) Hex(7D7D7D)

	Hex(C038A4)	Hex(FAC5EF)	Hex(5338C0)	Hex(7D5E77)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(C038A4)		Ratio: 3.29 AA 18pt ²	Ratio: 1.61 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(FAC5EF)	Ratio: 3.29 AA 18pt ²		Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(5338C0)	Ratio: 1.61 Failed ⁵	Ratio: 5.31 AA ¹ AAA 18pt ⁴		Ratio: 1.39 Failed ⁵	Ratio: 7.60 Passed ⁶	Ratio: 1.89 Failed ⁵
Hex(7D5E77)	Ratio: 1.16 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.39 Failed ⁵		Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵
Hex(FCFCFC)	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵	Ratio: 7.60 Passed ⁶	Ratio: 5.47 AA ¹ AAA 18pt ⁴		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 1.17 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 4.01 AA 18pt ²	

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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