

Converting Colors - WCAG Matrix

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

Hex(F98FE7) Hex(FF7DE9) Hex(F98FB2) Hex(7D707B) Hex(BD009D) Hex(3D0033)

	Hex(F98FE7)	Hex(FF7DE9)	Hex(F98FB2)	Hex(7D707B)	Hex(BD009D)	Hex(3D0033)
Hex(F98FE7)		Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 8.11 Passed ⁶
Hex(FF7DE9)	Ratio: 1.08 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 7.51 Passed ⁶
Hex(F98FB2)	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 7.70 Passed ⁶
Hex(7D707B)	Ratio: 2.26 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(BD009D)	Ratio: 2.77 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.93 Failed ⁵
Hex(3D0033)	Ratio: 8.11 Passed ⁶	Ratio: 7.51 Passed ⁶	Ratio: 7.70 Passed ⁶	Ratio: 3.59 AA 18pt ²	Ratio: 2.93 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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