

Converting Colors - WCAG Matrix

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

Hex(FDEEFB) Hex(FFEDFD) Hex(F4FDEE) Hex(80757E) Hex(BF00A6) Hex(400037)

	Hex(FDEEFB)	Hex(FFEDFD)	Hex(F4FDEE)	Hex(80757E)	Hex(BF00A6)	Hex(400037)
Hex(FDEEFB)		Ratio: 1.00 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 14.77 Passed ⁶
Hex(FFEDFD)	Ratio: 1.00 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 14.75 Passed ⁶
Hex(F4FDEE)	Ratio: 1.07 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 4.23 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 15.81 Passed ⁶
Hex(80757E)	Ratio: 3.95 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 4.23 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(BF00A6)	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵		Ratio: 2.96 Failed ⁵
Hex(400037)	Ratio: 14.77 Passed ⁶	Ratio: 14.75 Passed ⁶	Ratio: 15.81 Passed ⁶	Ratio: 3.74 AA 18pt ²	Ratio: 2.96 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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