

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FD47E1) Hex(FF24DE) Hex(FDBD47) Hex(80737E) Hex(BF00A2) Hex(400036)

	Hex(FD47E1)	Hex(FF24DE)	Hex(FDBD47)	Hex(80737E)	Hex(BF00A2)	Hex(400036)
Hex(FD47E1)		Ratio: 1.09 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(FF24DE)	Ratio: 1.09 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 5.16 AA ¹ AAA 18pt ⁴
Hex(FDBD47)	Ratio: 1.75 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 2.69 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 9.87 Passed ⁶
Hex(80737E)	Ratio: 1.53 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.69 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(BF00A2)	Ratio: 1.92 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 2.94 Failed ⁵
Hex(400036)	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 9.87 Passed ⁶	Ratio: 3.67 AA 18pt ²	Ratio: 2.94 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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