

Converting Colors - WCAG Matrix

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

Hex(FF2EAB) Hex(FF059B) Hex(FFEA2E) Hex(7F737A) Hex(BF0073) Hex(400026)

	Hex(FF2EAB)	Hex(FF059B)	Hex(FFEA2E)	Hex(7F737A)	Hex(BF0073)	Hex(400026)
Hex(FF2EAB)		Ratio: 1.08 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(FF059B)	Ratio: 1.08 Failed ⁵		Ratio: 2.97 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(FFEA2E)	Ratio: 2.74 Failed ⁵	Ratio: 2.97 Failed ⁵		Ratio: 3.68 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 13.69 Passed ⁶
Hex(7F737A)	Ratio: 1.34 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.68 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(BF0073)	Ratio: 1.80 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(400026)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 13.69 Passed ⁶	Ratio: 3.72 AA 18pt ²	Ratio: 2.78 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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