

Converting Colors - WCAG Matrix

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

Hex(FF619C) Hex(FF4289) Hex(EDFF61) Hex(807378) Hex(BF0048) Hex(400018)

	Hex(FF619C)	Hex(FF4289)	Hex(EDFF61)	Hex(807378)	Hex(BF0048)	Hex(400018)
Hex(FF619C)		Ratio: 1.16 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 6.04 AA ¹ AAA 18pt ⁴
Hex(FF4289)	Ratio: 1.16 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴
Hex(EDFF61)	Ratio: 2.56 Failed ⁵	Ratio: 2.98 Failed ⁵		Ratio: 4.11 AA 18pt ²	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 15.50 Passed ⁶
Hex(807378)	Ratio: 1.60 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 4.11 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(BF0048)	Ratio: 2.25 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(400018)	Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 15.50 Passed ⁶	Ratio: 3.77 AA 18pt ²	Ratio: 2.69 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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