

Converting Colors - WCAG Matrix

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

Hex(FFF0F5) Hex(FFEDF4) Hex(FDFFF0) Hex(807579) Hex(BF0046) Hex(400017)

	Hex(FFF0F5)	Hex(FFEDF4)	Hex(FDFFF0)	Hex(807579)	Hex(BF0046)	Hex(400017)
Hex(FFF0F5)		Ratio: 1.02 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 15.47 Passed ⁶
Hex(FFEDF4)	Ratio: 1.02 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 15.18 Passed ⁶
Hex(FDFFF0)	Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 4.38 AA 18pt ²	Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 16.86 Passed ⁶
Hex(807579)	Ratio: 4.02 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 4.38 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 3.85 AA 18pt ²
Hex(BF0046)	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(400017)	Ratio: 15.47 Passed ⁶	Ratio: 15.18 Passed ⁶	Ratio: 16.86 Passed ⁶	Ratio: 3.85 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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