

Converting Colors - WCAG Matrix

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

Hex(FFE1E5) Hex(FFDBE0) Hex(FFEBE1) Hex(807374) Hex(BF001A) Hex(400009)

	Hex(FFE1E5)	Hex(FFDBE0)	Hex(FFEBE1)	Hex(807374)	Hex(BF001A)	Hex(400009)
Hex(FFE1E5)		Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 14.04 Passed ⁶
Hex(FFDBE0)	Ratio: 1.04 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 13.47 Passed ⁶
Hex(FFEBE1)	Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 3.94 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 14.91 Passed ⁶
Hex(807374)	Ratio: 3.71 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 3.94 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(BF001A)	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400009)	Ratio: 14.04 Passed ⁶	Ratio: 13.47 Passed ⁶	Ratio: 14.91 Passed ⁶	Ratio: 3.78 AA 18pt ²	Ratio: 2.64 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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