

Converting Colors - WCAG Matrix

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

Hex(FFE9EE) Hex(FFE6EC) Hex(FFEF9) Hex(807376) Hex(BF002D) Hex(40000F)

	Hex(FFE9EE)	Hex(FFE6EC)	Hex(FFEF9)	Hex(807376)	Hex(BF002D)	Hex(40000F)
Hex(FFE9EE)		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 14.81 Passed ⁶
Hex(FFE6EC)	Ratio: 1.02 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 14.52 Passed ⁶
Hex(FFEF9)	Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 4.05 AA 18pt ²	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 15.33 Passed ⁶
Hex(807376)	Ratio: 3.92 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 4.05 AA 18pt ²		Ratio: 1.42 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(BF002D)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 1.42 Failed ⁵		Ratio: 2.66 Failed ⁵
Hex(40000F)	Ratio: 14.81 Passed ⁶	Ratio: 14.52 Passed ⁶	Ratio: 15.33 Passed ⁶	Ratio: 3.78 AA 18pt ²	Ratio: 2.66 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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