

Converting Colors - WCAG Matrix

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

Hex(FEEEEB) Hex(FFE9E6) Hex(FFF8EB) Hex(807573) Hex(BF1D00) Hex(400A00)

	Hex(FEEEEB)	Hex(FFE9E6)	Hex(FFF8EB)	Hex(807573)	Hex(BF1D00)	Hex(400A00)
Hex(FEEEEB)		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 14.81 Passed ⁶
Hex(FFE9E6)	Ratio: 1.03 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 14.31 Passed ⁶
Hex(FFF8EB)	Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 4.22 AA 18pt ²	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 15.76 Passed ⁶
Hex(807573)	Ratio: 3.97 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 4.22 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(BF1D00)	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(400A00)	Ratio: 14.81 Passed ⁶	Ratio: 14.31 Passed ⁶	Ratio: 15.76 Passed ⁶	Ratio: 3.73 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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