

Converting Colors - WCAG Matrix

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

Hex(FFFEF5) Hex(FFFEF2) Hex(FBFFF5) Hex(807F78) Hex(BFAC00) Hex(403900)

	Hex(FFFEF5)	Hex(FFFEF2)	Hex(FBFFF5)	Hex(807F78)	Hex(BFAC00)	Hex(403900)
Hex(FFFEF5)		Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 11.51 Passed ⁶
Hex(FFFEF2)	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 11.49 Passed ⁶
Hex(FBFFF5)	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 3.97 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 11.49 Passed ⁶
Hex(807F78)	Ratio: 3.97 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 3.97 AA 18pt ²		Ratio: 1.74 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(BFAC00)	Ratio: 2.28 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 5.06 AA ¹ AAA 18pt ⁴
Hex(403900)	Ratio: 11.51 Passed ⁶	Ratio: 11.49 Passed ⁶	Ratio: 11.49 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴	

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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