

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(F3E4E2) Hex(FFEBE8) Hex(F3EDE2) Hex(7A706E) Hex(BA1800) Hex(3B0800)

Hex(F3E4E2)		Ratio: 1.08 Failed⁵	Ratio: 1.06 Failed⁵	Ratio: 3.89 AA 18pt²	Ratio: 5.28 AA¹ AAA 18pt⁴	Ratio: 13.93 Passed⁶
Hex(FFEBE8)	Ratio: 1.08 Failed⁵		Ratio: 1.02 Failed⁵	Ratio: 4.19 AA 18pt²	Ratio: 5.69 AA¹ AAA 18pt⁴	Ratio: 14.99 Passed⁶
Hex(F3EDE2)	Ratio: 1.06 Failed⁵	Ratio: 1.02 Failed⁵		Ratio: 4.12 AA 18pt²	Ratio: 5.60 AA¹ AAA 18pt⁴	Ratio: 14.77 Passed⁶
Hex(7A706E)	Ratio: 3.89 AA 18pt²	Ratio: 4.19 AA 18pt²	Ratio: 4.12 AA 18pt²		Ratio: 1.36 Failed⁵	Ratio: 3.58 AA 18pt²
Hex(BA1800)	Ratio: 5.28 AA¹ AAA 18pt⁴	Ratio: 5.69 AA¹ AAA 18pt⁴	Ratio: 5.60 AA¹ AAA 18pt⁴	Ratio: 1.36 Failed⁵		Ratio: 2.64 Failed⁵
Hex(3B0800)	Ratio: 13.93 Passed⁶	Ratio: 14.99 Passed⁶	Ratio: 14.77 Passed⁶	Ratio: 3.58 AA 18pt²	Ratio: 2.64 Failed⁵	

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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