

Converting Colors - WCAG Matrix

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

Hex(FAE8E7) Hex(FFE9E8) Hex(FAF1E7) Hex(7D7170) Hex(BD0A00) Hex(3D0300)

	Hex(FAE8E7)	Hex(FFE9E8)	Hex(FAF1E7)	Hex(7D7170)	Hex(BD0A00)	Hex(3D0300)
Hex(FAE8E7)		Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 14.66 Passed ⁶
Hex(FFE9E8)	Ratio: 1.02 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 14.92 Passed ⁶
Hex(FAF1E7)	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 4.21 AA 18pt ²	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 15.52 Passed ⁶
Hex(7D7170)	Ratio: 3.98 AA 18pt ²	Ratio: 4.04 AA 18pt ²	Ratio: 4.21 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(BD0A00)	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(3D0300)	Ratio: 14.66 Passed ⁶	Ratio: 14.92 Passed ⁶	Ratio: 15.52 Passed ⁶	Ratio: 3.69 AA 18pt ²	Ratio: 2.65 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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