

Converting Colors - WCAG Matrix

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

Hex(FCE4E9) Hex(FFE3E9) Hex(FCEBE4) Hex(7D7073) Hex(BD0027) Hex(3D000D)

	Hex(FCE4E9)	Hex(FFE3E9)	Hex(FCEBE4)	Hex(7D7073)	Hex(BD0027)	Hex(3D000D)
Hex(FCE4E9)		Ratio: 1.00 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 14.46 Passed ⁶
Hex(FFE3E9)	Ratio: 1.00 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 14.46 Passed ⁶
Hex(FCEBE4)	Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 4.09 AA 18pt ²	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 15.07 Passed ⁶
Hex(7D7073)	Ratio: 3.92 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 4.09 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.68 AA 18pt ²
Hex(BD0027)	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(3D000D)	Ratio: 14.46 Passed ⁶	Ratio: 14.46 Passed ⁶	Ratio: 15.07 Passed ⁶	Ratio: 3.68 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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