

Converting Colors - WCAG Matrix

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

Hex(F5D0D0) Hex(FFD1D1) Hex(F5E2D0) Hex(7A6E6E) Hex(BA0000) Hex(3B0000)

	Hex(F5D0D0)	Hex(FFD1D1)	Hex(F5E2D0)	Hex(7A6E6E)	Hex(BA0000)	Hex(3B0000)
Hex(F5D0D0)		Ratio: 1.03 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 12.49 Passed ⁶
Hex(FFD1D1)	Ratio: 1.03 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 12.89 Passed ⁶
Hex(F5E2D0)	Ratio: 1.13 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 3.89 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 14.06 Passed ⁶
Hex(7A6E6E)	Ratio: 3.46 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 3.89 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(BA0000)	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.60 Failed ⁵
Hex(3B0000)	Ratio: 12.49 Passed ⁶	Ratio: 12.89 Passed ⁶	Ratio: 14.06 Passed ⁶	Ratio: 3.61 AA 18pt ²	Ratio: 2.60 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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