

Converting Colors - WCAG Matrix

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

Hex(766869) Hex(FFFFFF) Hex(AA9B9C) Hex(C6B6B7) Hex(E2D2D3) Hex(FEEEEF)

	Hex(766869)	Hex(FFFFFF)	Hex(AA9B9C)	Hex(C6B6B7)	Hex(E2D2D3)	Hex(FEEEEF)
Hex(766869)		Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.31 AA ¹ AAA 18pt ⁴		Ratio: 2.67 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(AA9B9C)	Ratio: 1.99 Failed ⁵	Ratio: 2.67 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(C6B6B7)	Ratio: 2.73 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(E2D2D3)	Ratio: 3.64 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(FEEEEF)	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 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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