

Converting Colors - WCAG Matrix

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

Hex(A6989E) Hex(D9D2D5) Hex(A098A6) Hex(6E696B) Hex(EDEDED) Hex(6E6E6E)

	Hex(A6989E)	Hex(D9D2D5)	Hex(A098A6)	Hex(6E696B)	Hex(EDEDED)	Hex(6E6E6E)
Hex(A6989E)		Ratio: 1.86 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(D9D2D5)	Ratio: 1.86 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(A098A6)	Ratio: 1.01 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(6E696B)	Ratio: 1.95 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.93 Failed ⁵		Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(EDEDED)	Ratio: 2.36 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 1.85 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.36 AA 18pt ²	

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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