

Converting Colors - WCAG Matrix

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

Hex(9999A6) Hex(D4D4D9) Hex(99A6A6) Hex(6B6B6E) Hex(EDEDED) Hex(6E6E6E)

	Hex(9999A6)	Hex(D4D4D9)	Hex(99A6A6)	Hex(6B6B6E)	Hex(EDEDED)	Hex(6E6E6E)
Hex(9999A6)		Ratio: 1.91 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(D4D4D9)	Ratio: 1.91 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(99A6A6)	Ratio: 1.12 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(6B6B6E)	Ratio: 1.89 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 2.11 Failed ⁵		Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(EDEDED)	Ratio: 2.40 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 1.81 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 1.04 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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