

Converting Colors - WCAG Matrix

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

Hex(9097A6) Hex(D0D3D9) Hex(90A69F) Hex(686A6E) Hex(EDEDED) Hex(6E6E6E)

	Hex(9097A6)	Hex(D0D3D9)	Hex(90A69F)	Hex(686A6E)	Hex(EDEDED)	Hex(6E6E6E)
Hex(9097A6)		Ratio: 1.95 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(D0D3D9)	Ratio: 1.95 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 1.28 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(90A69F)	Ratio: 1.14 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(686A6E)	Ratio: 1.85 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 2.10 Failed ⁵		Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(EDEDED)	Ratio: 2.50 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 1.74 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 1.98 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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