

Converting Colors - WCAG Matrix

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

Hex(9D759E) Hex(CEBECF) Hex(75769E) Hex(685E69) Hex(E8E8E8) Hex(696969)

	Hex(9D759E)	Hex(CEBECF)	Hex(75769E)	Hex(685E69)	Hex(E8E8E8)	Hex(696969)
Hex(9D759E)		Ratio: 2.17 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.43 Failed ⁵
Hex(CEBECF)	Ratio: 2.17 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(75769E)	Ratio: 1.13 Failed ⁵	Ratio: 2.46 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.27 Failed ⁵
Hex(685E69)	Ratio: 1.61 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(E8E8E8)	Ratio: 3.13 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.43 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 4.48 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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