

Converting Colors - WCAG Matrix

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

Hex(899091) Hex(B9BCBD) Hex(89918A) Hex(5C5E5E) Hex(DEDEDE) Hex(5E5E5E)

Hex(899091)		Ratio: 1.70 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(B9BCBD)	Ratio: 1.70 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(89918A)	Ratio: 1.00 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(5C5E5E)	Ratio: 2.01 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 2.01 Failed ⁵		Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(DEDEDE)	Ratio: 2.42 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 2.00 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴	

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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