

Converting Colors - WCAG Matrix

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

Hex(9D8683) Hex(CCC3C2) Hex(9D839A) Hex(666160) Hex(E6E6E6) Hex(666666)

	Hex(9D8683)	Hex(CCC3C2)	Hex(9D839A)	Hex(666160)	Hex(E6E6E6)	Hex(666666)
Hex(9D8683)		Ratio: 1.97 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(CCC3C2)	Ratio: 1.97 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.38 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(9D839A)	Ratio: 1.00 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(666160)	Ratio: 1.79 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.78 Failed ⁵		Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(E6E6E6)	Ratio: 2.73 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.69 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.60 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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