

Converting Colors - WCAG Matrix

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

Hex(9D361F) Hex(CCA49B) Hex(9D1F88) Hex(664E48) Hex(E6E6E6) Hex(666666)

	Hex(9D361F)	Hex(CCA49B)	Hex(9D1F88)	Hex(664E48)	Hex(E6E6E6)	Hex(666666)
Hex(9D361F)		Ratio: 3.14 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(CCA49B)	Ratio: 3.14 AA 18pt ²		Ratio: 3.13 AA 18pt ²	Ratio: 3.40 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(9D1F88)	Ratio: 1.00 Failed ⁵	Ratio: 3.13 AA 18pt ²		Ratio: 1.09 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(664E48)	Ratio: 1.08 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 1.09 Failed ⁵		Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵
Hex(E6E6E6)	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 1.80 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 6.12 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.23 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.33 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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