

Converting Colors - WCAG Matrix

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

Hex(9B0C00) Hex(C9928D) Hex(9B0091) Hex(664441) Hex(E6E6E6) Hex(666666)

	Hex(9B0C00)	Hex(C9928D)	Hex(9B0091)	Hex(664441)	Hex(E6E6E6)	Hex(666666)
Hex(9B0C00)		Ratio: 3.26 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 1.50 Failed ⁵
Hex(C9928D)	Ratio: 3.26 AA 18pt ²		Ratio: 2.85 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(9B0091)	Ratio: 1.15 Failed ⁵	Ratio: 2.85 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(664441)	Ratio: 1.01 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 1.48 Failed ⁵
Hex(E6E6E6)	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 2.11 Failed ⁵	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 6.82 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.50 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.48 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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