

Converting Colors - WCAG Matrix

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

Hex(334000) Hex(4D5239) Hex(400D00) Hex(26291A) Hex(A8A8A8) Hex(292929)

	Hex(334000)	Hex(4D5239)	Hex(400D00)	Hex(26291A)	Hex(A8A8A8)	Hex(292929)
Hex(334000)		Ratio: 1.38 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(4D5239)	Ratio: 1.38 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.79 Failed ⁵
Hex(400D00)	Ratio: 1.47 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(26291A)	Ratio: 1.32 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(A8A8A8)	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 3.42 AA 18pt ²	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 6.24 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.30 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.12 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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