

Converting Colors - WCAG Matrix

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

Hex(334645) Hex(545C5B) Hex(344633) Hex(292E2E) Hex(ADADAD) Hex(2E2E2E)

	Hex(334645)	Hex(545C5B)	Hex(344633)	Hex(292E2E)	Hex(ADADAD)	Hex(2E2E2E)
Hex(334645)		Ratio: 1.45 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 4.45 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(545C5B)	Ratio: 1.45 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.98 Failed ⁵
Hex(344633)	Ratio: 1.02 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵
Hex(292E2E)	Ratio: 1.38 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(ADADAD)	Ratio: 4.45 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 6.14 AA ¹ AAA 18pt ⁴		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.36 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.05 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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