

Converting Colors - WCAG Matrix

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

Hex(452045) Hex(594B59) Hex(202045) Hex(2E252E) Hex(ADADAD) Hex(2E2E2E)

	Hex(452045)	Hex(594B59)	Hex(202045)	Hex(2E252E)	Hex(ADADAD)	Hex(2E2E2E)
Hex(452045)		Ratio: 1.67 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(594B59)	Ratio: 1.67 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.67 Failed ⁵
Hex(202045)	Ratio: 1.14 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(2E252E)	Ratio: 1.09 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 6.59 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(ADADAD)	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 6.59 AA ¹ AAA 18pt ⁴		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.00 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 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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