

Converting Colors - WCAG Matrix

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

Hex(453839) Hex(595555) Hex(453845) Hex(2E2B2B) Hex(ADADAD) Hex(2E2E2E)

	Hex(453839)	Hex(595555)	Hex(453845)	Hex(2E2B2B)	Hex(ADADAD)	Hex(2E2E2E)
Hex(453839)		Ratio: 1.52 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(595555)	Ratio: 1.52 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.85 Failed ⁵
Hex(453845)	Ratio: 1.01 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(2E2B2B)	Ratio: 1.25 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(ADADAD)	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 6.25 AA ¹ AAA 18pt ⁴		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.21 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.03 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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