

Converting Colors - WCAG Matrix

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

Hex(2E2A02) Hex(3B392A) Hex(2E0206) Hex(1F1E14) Hex(9E9E9E) Hex(1F1F1F)

	Hex(2E2A02)	Hex(3B392A)	Hex(2E0206)	Hex(1F1E14)	Hex(9E9E9E)	Hex(1F1F1F)
Hex(2E2A02)		Ratio: 1.25 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(3B392A)	Ratio: 1.25 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 4.34 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(2E0206)	Ratio: 1.28 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 6.95 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(1F1E14)	Ratio: 1.15 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(9E9E9E)	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 4.34 AA 18pt ²	Ratio: 6.95 AA ¹ AAA 18pt ⁴	Ratio: 6.25 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(1F1F1F)	Ratio: 1.14 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.15 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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