

Converting Colors - WCAG Matrix

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

Hex(3E0B10) Hex(523D3F) Hex(390B3E) Hex(291D1E) Hex(A8A8A8) Hex(292929)

	Hex(3E0B10)	Hex(523D3F)	Hex(390B3E)	Hex(291D1E)	Hex(A8A8A8)	Hex(292929)
Hex(3E0B10)		Ratio: 1.66 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 7.01 Passed ⁶	Ratio: 1.15 Failed ⁵
Hex(523D3F)	Ratio: 1.66 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(390B3E)	Ratio: 1.02 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(291D1E)	Ratio: 1.02 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(A8A8A8)	Ratio: 7.01 Passed ⁶	Ratio: 4.21 AA 18pt ²	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 6.85 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.15 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.12 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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