

Converting Colors - WCAG Matrix

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

Hex(2E0000) Hex(3B2929) Hex(2E002E) Hex(1F1414) Hex(9E9E9E) Hex(1F1F1F)

	Hex(2E0000)	Hex(3B2929)	Hex(2E002E)	Hex(1F1414)	Hex(9E9E9E)	Hex(1F1F1F)
Hex(2E0000)		Ratio: 1.38 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 7.02 Passed ⁶	Ratio: 1.14 Failed ⁵
Hex(3B2929)	Ratio: 1.38 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(2E002E)	Ratio: 1.04 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(1F1414)	Ratio: 1.05 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(9E9E9E)	Ratio: 7.02 Passed ⁶	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 6.71 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(1F1F1F)	Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.09 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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