

Converting Colors - WCAG Matrix

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

Hex(3A1717) Hex(4D3F3F) Hex(3A173A) Hex(261E1E) Hex(A6A6A6) Hex(262626)

	Hex(3A1717)	Hex(4D3F3F)	Hex(3A173A)	Hex(261E1E)	Hex(A6A6A6)	Hex(262626)
Hex(3A1717)		Ratio: 1.60 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(4D3F3F)	Ratio: 1.60 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(3A173A)	Ratio: 1.04 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(261E1E)	Ratio: 1.02 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(A6A6A6)	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 4.11 AA 18pt ²	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 6.70 AA ¹ AAA 18pt ⁴		Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(262626)	Ratio: 1.06 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 6.22 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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