

Converting Colors - WCAG Matrix

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

Hex(373519) Hex(47473C) Hex(37191B) Hex(24231D) Hex(A3A3A3) Hex(242424)

	Hex(373519)	Hex(47473C)	Hex(37191B)	Hex(24231D)	Hex(A3A3A3)	Hex(242424)
Hex(373519)		Ratio: 1.33 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(47473C)	Ratio: 1.33 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.65 Failed ⁵
Hex(37191B)	Ratio: 1.28 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(24231D)	Ratio: 1.26 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(A3A3A3)	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 3.73 AA 18pt ²	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 6.24 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(242424)	Ratio: 1.25 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 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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