

Converting Colors - WCAG Matrix

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

Hex(252E2C) Hex(373B3A) Hex(272E25) Hex(1C1F1E) Hex(9E9E9E) Hex(1F1F1F)

	Hex(252E2C)	Hex(373B3A)	Hex(272E25)	Hex(1C1F1E)	Hex(9E9E9E)	Hex(1F1F1F)
Hex(252E2C)		Ratio: 1.23 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(373B3A)	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 4.24 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(272E25)	Ratio: 1.00 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(1C1F1E)	Ratio: 1.19 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(9E9E9E)	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 4.24 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 6.20 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(1F1F1F)	Ratio: 1.18 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.18 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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