

Converting Colors - WCAG Matrix

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

Hex(5E5E66) Hex(FFFFFF) Hex(909099) Hex(ABABB4) Hex(C6C6CF) Hex(E2E2EB)

	Hex(5E5E66)	Hex(FFFFFF)	Hex(909099)	Hex(ABABB4)	Hex(C6C6CF)	Hex(E2E2EB)
Hex(5E5E66)		Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.42 AA ¹ AAA 18pt ⁴		Ratio: 3.16 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(909099)	Ratio: 2.03 Failed ⁵	Ratio: 3.16 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(ABABB4)	Ratio: 2.82 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(C6C6CF)	Ratio: 3.79 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(E2E2EB)	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵	

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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