

Converting Colors - WCAG Matrix

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

Hex(5A64A3) Hex(B6BAD4) Hex(5AA39A) Hex(595B6B) Hex(EBEBEB) Hex(6B6B6B)

	Hex(5A64A3)	Hex(B6BAD4)	Hex(5AA39A)	Hex(595B6B)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(5A64A3)		Ratio: 2.90 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(B6BAD4)	Ratio: 2.90 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.61 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(5AA39A)	Ratio: 1.89 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(595B6B)	Ratio: 1.21 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 2.28 Failed ⁵		Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(EBEBEB)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.61 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.04 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.47 AA 18pt ²	

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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