

Converting Colors - WCAG Matrix

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

Hex(7441A2) Hex(C2AED4) Hex(4170A2) Hex(60546B) Hex(EBEBEB) Hex(6B6B6B)

	Hex(7441A2)	Hex(C2AED4)	Hex(4170A2)	Hex(60546B)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(7441A2)		Ratio: 3.41 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(C2AED4)	Ratio: 3.41 AA 18pt ²		Ratio: 2.53 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(4170A2)	Ratio: 1.35 Failed ⁵	Ratio: 2.53 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 4.33 AA 18pt ²	Ratio: 1.03 Failed ⁵
Hex(60546B)	Ratio: 1.01 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.36 Failed ⁵		Ratio: 5.92 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(EBEBEB)	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 1.71 Failed ⁵	Ratio: 4.33 AA 18pt ²	Ratio: 5.92 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.30 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.32 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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