

Converting Colors - WCAG Matrix

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

Hex(A3391E) Hex(D4ABA1) Hex(A31E88) Hex(6B524C) Hex(EBEBEB) Hex(6B6B6B)

	Hex(A3391E)	Hex(D4ABA1)	Hex(A31E88)	Hex(6B524C)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(A3391E)		Ratio: 3.21 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(D4ABA1)	Ratio: 3.21 AA 18pt ²		Ratio: 3.27 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(A31E88)	Ratio: 1.02 Failed ⁵	Ratio: 3.27 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(6B524C)	Ratio: 1.08 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵
Hex(EBEBEB)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 1.74 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 6.00 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.25 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.34 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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