

Converting Colors - WCAG Matrix

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

Hex(E6A1BE) Hex(FFA3CB) Hex(E1E6A1) Hex(73676C) Hex(B3004D) Hex(330016)

	Hex(E6A1BE)	Hex(FFA3CB)	Hex(E1E6A1)	Hex(73676C)	Hex(B3004D)	Hex(330016)
Hex(E6A1BE)		Ratio: 1.11 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 8.86 Passed ⁶
Hex(FFA3CB)	Ratio: 1.11 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 9.85 Passed ⁶
Hex(E1E6A1)	Ratio: 1.57 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 4.13 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 13.91 Passed ⁶
Hex(73676C)	Ratio: 2.63 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.13 AA 18pt ²		Ratio: 1.28 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(B3004D)	Ratio: 3.38 AA 18pt ²	Ratio: 3.75 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(330016)	Ratio: 8.86 Passed ⁶	Ratio: 9.85 Passed ⁶	Ratio: 13.91 Passed ⁶	Ratio: 3.37 AA 18pt ²	Ratio: 2.62 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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