

Converting Colors - WCAG Matrix

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

Hex(E4AFE2) Hex(FFB8FC) Hex(E4AFC8) Hex(736772) Hex(B300AC) Hex(330031)

	Hex(E4AFE2)	Hex(FFB8FC)	Hex(E4AFC8)	Hex(736772)	Hex(B300AC)	Hex(330031)
Hex(E4AFE2)		Ratio: 1.17 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 9.73 Passed ⁶
Hex(FFB8FC)	Ratio: 1.17 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 11.40 Passed ⁶
Hex(E4AFC8)	Ratio: 1.02 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.88 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 9.50 Passed ⁶
Hex(736772)	Ratio: 2.95 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.88 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(B300AC)	Ratio: 3.28 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 2.96 Failed ⁵
Hex(330031)	Ratio: 9.73 Passed ⁶	Ratio: 11.40 Passed ⁶	Ratio: 9.50 Passed ⁶	Ratio: 3.30 AA 18pt ²	Ratio: 2.96 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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