

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E6BCCD) Hex(FFC7DE) Hex(E6C0BC) Hex(73676C) Hex(B30048) Hex(330015)

	Hex(E6BCCD)	Hex(FFC7DE)	Hex(E6C0BC)	Hex(73676C)	Hex(B30048)	Hex(330015)
Hex(E6BCCD)		Ratio: 1.16 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 4.13 AA 18pt ²	Ratio: 10.80 Passed ⁶
Hex(FFC7DE)	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 12.57 Passed ⁶
Hex(E6C0BC)	Ratio: 1.02 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 3.25 AA 18pt ²	Ratio: 4.20 AA 18pt ²	Ratio: 10.97 Passed ⁶
Hex(73676C)	Ratio: 3.20 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 3.25 AA 18pt ²		Ratio: 1.29 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(B30048)	Ratio: 4.13 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 4.20 AA 18pt ²	Ratio: 1.29 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(330015)	Ratio: 10.80 Passed ⁶	Ratio: 12.57 Passed ⁶	Ratio: 10.97 Passed ⁶	Ratio: 3.37 AA 18pt ²	Ratio: 2.61 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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