

Converting Colors - WCAG Matrix

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

Hex(E1CCDD) Hex(FFE3FA) Hex(E1DACC) Hex(70656E) Hex(B00090) Hex(300028)

	Hex(E1CCDD)	Hex(FFE3FA)	Hex(E1DACC)	Hex(70656E)	Hex(B00090)	Hex(300028)
Hex(E1CCDD)		Ratio: 1.27 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.27 AA 18pt ²	Ratio: 12.01 Passed ⁶
Hex(FFE3FA)	Ratio: 1.27 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 15.24 Passed ⁶
Hex(E1DACC)	Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 4.00 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 13.06 Passed ⁶
Hex(70656E)	Ratio: 3.68 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 4.00 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(B00090)	Ratio: 4.27 AA 18pt ²	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(300028)	Ratio: 12.01 Passed ⁶	Ratio: 15.24 Passed ⁶	Ratio: 13.06 Passed ⁶	Ratio: 3.26 AA 18pt ²	Ratio: 2.81 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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