

Converting Colors - WCAG Matrix

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

Hex(ECC2DA) Hex(FFC7E7) Hex(C5ECC2) Hex(756A70) Hex(B50067) Hex(36001E)

	Hex(ECC2DA)	Hex(FFC7E7)	Hex(C5ECC2)	Hex(756A70)	Hex(B50067)	Hex(36001E)
Hex(ECC2DA)		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 4.21 AA 18pt ²	Ratio: 11.31 Passed ⁶
Hex(FFC7E7)	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 12.40 Passed ⁶
Hex(C5ECC2)	Ratio: 1.21 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 3.99 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 13.74 Passed ⁶
Hex(756A70)	Ratio: 3.28 AA 18pt ²	Ratio: 3.60 AA 18pt ²	Ratio: 3.99 AA 18pt ²		Ratio: 1.28 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(B50067)	Ratio: 4.21 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(36001E)	Ratio: 11.31 Passed ⁶	Ratio: 12.40 Passed ⁶	Ratio: 13.74 Passed ⁶	Ratio: 3.45 AA 18pt ²	Ratio: 2.69 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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