

Converting Colors - WCAG Matrix

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

Hex(EBCEDF) Hex(FFD9EE) Hex(CEECE9) Hex(756A70) Hex(B50064) Hex(36001E)

	Hex(EBCEDF)	Hex(FFD9EE)	Hex(CEECE9)	Hex(756A70)	Hex(B50064)	Hex(36001E)
Hex(EBCEDF)		Ratio: 1.14 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 12.26 Passed ⁶
Hex(FFD9EE)	Ratio: 1.14 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 13.96 Passed ⁶
Hex(CEECE9)	Ratio: 1.16 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 4.12 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 14.19 Passed ⁶
Hex(756A70)	Ratio: 3.56 AA 18pt ²	Ratio: 4.05 AA 18pt ²	Ratio: 4.12 AA 18pt ²		Ratio: 1.29 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(B50064)	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵		Ratio: 2.68 Failed ⁵
Hex(36001E)	Ratio: 12.26 Passed ⁶	Ratio: 13.96 Passed ⁶	Ratio: 14.19 Passed ⁶	Ratio: 3.45 AA 18pt ²	Ratio: 2.68 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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