

Converting Colors - WCAG Matrix

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

Hex(EBC1D9) Hex(FFC9E8) Hex(EBC1C4) Hex(756A70) Hex(B50067) Hex(36001F)

	Hex(EBC1D9)	Hex(FFC9E8)	Hex(EBC1C4)	Hex(756A70)	Hex(B50067)	Hex(36001F)
Hex(EBC1D9)		Ratio: 1.12 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 4.16 AA 18pt ²	Ratio: 11.19 Passed ⁶
Hex(FFC9E8)	Ratio: 1.12 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 12.55 Passed ⁶
Hex(EBC1C4)	Ratio: 1.02 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 3.20 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 11.01 Passed ⁶
Hex(756A70)	Ratio: 3.25 AA 18pt ²	Ratio: 3.65 AA 18pt ²	Ratio: 3.20 AA 18pt ²		Ratio: 1.28 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(B50067)	Ratio: 4.16 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(36001F)	Ratio: 11.19 Passed ⁶	Ratio: 12.55 Passed ⁶	Ratio: 11.01 Passed ⁶	Ratio: 3.44 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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