

Converting Colors - WCAG Matrix

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

Hex(EBCED7) Hex(FFF5F8) Hex(E2CEEB) Hex(80797B) Hex(000000) Hex(808080)

	Hex(EBCED7)	Hex(FFF5F8)	Hex(E2CEEB)	Hex(80797B)	Hex(000000)	Hex(808080)
Hex(EBCED7)		Ratio: 1.37 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 14.34 Passed ⁶	Ratio: 2.70 Failed ⁵
Hex(FFF5F8)	Ratio: 1.37 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 19.67 Passed ⁶	Ratio: 3.70 AA 18pt ²
Hex(E2CEEB)	Ratio: 1.01 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.89 Failed ⁵	Ratio: 14.26 Passed ⁶	Ratio: 2.68 Failed ⁵
Hex(80797B)	Ratio: 2.90 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 2.89 Failed ⁵		Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 14.34 Passed ⁶	Ratio: 19.67 Passed ⁶	Ratio: 14.26 Passed ⁶	Ratio: 4.94 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.70 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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