

Converting Colors - WCAG Matrix

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

Hex(EB2E78) Hex(FFC2D9) Hex(9E2EEB) Hex(805C69) Hex(000000) Hex(808080)

	Hex(EB2E78)	Hex(FFC2D9)	Hex(9E2EEB)	Hex(805C69)	Hex(000000)	Hex(808080)
Hex(EB2E78)		Ratio: 2.69 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(FFC2D9)	Ratio: 2.69 Failed ⁵		Ratio: 3.45 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 13.97 Passed ⁶	Ratio: 2.63 Failed ⁵
Hex(9E2EEB)	Ratio: 1.28 Failed ⁵	Ratio: 3.45 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(805C69)	Ratio: 1.42 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 3.65 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(000000)	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 13.97 Passed ⁶	Ratio: 4.04 AA 18pt ²	Ratio: 3.65 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.02 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.46 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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