

Converting Colors - WCAG Matrix

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

Hex(E9EBDF) Hex(FEFFFF) Hex(EBE1DF) Hex(7F807D) Hex(000000) Hex(808080)

	Hex(E9EBDF)	Hex(FEFFFF)	Hex(EBE1DF)	Hex(7F807D)	Hex(000000)	Hex(808080)
Hex(E9EBDF)		Ratio: 1.20 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 17.41 Passed ⁶	Ratio: 3.27 AA 18pt ²
Hex(FEFFFF)	Ratio: 1.20 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.90 Passed ⁶	Ratio: 3.93 AA 18pt ²
Hex(EBE1DF)	Ratio: 1.06 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.10 AA 18pt ²	Ratio: 16.37 Passed ⁶	Ratio: 3.08 AA 18pt ²
Hex(7F807D)	Ratio: 3.29 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 3.10 AA 18pt ²		Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 17.41 Passed ⁶	Ratio: 20.90 Passed ⁶	Ratio: 16.37 Passed ⁶	Ratio: 5.29 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.27 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 1.01 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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