

Converting Colors - WCAG Matrix

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

Hex(644348) Hex(FFFFFF) Hex(987378) Hex(B38D92) Hex(CFA7AD) Hex(EBC3C8) Hex(FFDFE4) Hex(FFBFF)

	Hex(644348)	Hex(FFFFFF)	Hex(987378)	Hex(B38D92)	Hex(CFA7AD)	Hex(EBC3C8)	Hex(FFDFE4)	Hex(FFBFF)
Hex(644348)		Ratio: 8.61 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 8.41 Passed ⁶
Hex(FFFFFF)	Ratio: 8.61 Passed ⁶		Ratio: 4.15 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(987378)	Ratio: 2.07 Failed ⁵	Ratio: 4.15 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 4.05 AA 18pt ²
Hex(B38D92)	Ratio: 2.93 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(CFA7AD)	Ratio: 4.01 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(EBC3C8)	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 1.59 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(FFDFE4)	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFBFF)	Ratio: 8.41 Passed ⁶	Ratio: 1.02 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.21 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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