

Converting Colors - WCAG Matrix

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

Hex(792B64) Hex(FFFFFF) Hex(AF5E97) Hex(CB78B2) Hex(E893CE) Hex(FFAEAA) Hex(FFCAFF) Hex(FFE7FF)

	Hex(792B64)	Hex(FFFFFF)	Hex(AF5E97)	Hex(CB78B2)	Hex(E893CE)	Hex(FFAEAA)	Hex(FFCAFF)	Hex(FFE7FF)
Hex(792B64)		Ratio: 8.96 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 6.46 AA ¹ AAA 18pt ⁴	Ratio: 7.74 Passed ⁶
Hex(FFFFFF)	Ratio: 8.96 Passed ⁶		Ratio: 4.31 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(AF5E97)	Ratio: 2.08 Failed ⁵	Ratio: 4.31 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.72 AA 18pt ²
Hex(CB78B2)	Ratio: 2.93 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(E893CE)	Ratio: 4.05 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(FFAEAA)	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 1.68 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(FFCAFF)	Ratio: 6.46 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFE7FF)	Ratio: 7.74 Passed ⁶	Ratio: 1.16 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 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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