

Converting Colors - WCAG Matrix

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

Hex(4D4756) Hex(FFFFFF) Hex(7E7787) Hex(9890A2) Hex(B3ABBD) Hex(CEC6D8) Hex(EBE2F5)

	Hex(4D4756)	Hex(FFFFFF)	Hex(7E7787)	Hex(9890A2)	Hex(B3ABBD)	Hex(CEC6D8)	Hex(EBE2F5)
Hex(4D4756)		Ratio: 8.93 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 7.12 Passed ⁶
Hex(FFFFFF)	Ratio: 8.93 Passed ⁶		Ratio: 4.31 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(7E7787)	Ratio: 2.07 Failed ⁵	Ratio: 4.31 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(9890A2)	Ratio: 2.91 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(B3ABBD)	Ratio: 4.03 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(CEC6D8)	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 1.65 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(EBE2F5)	Ratio: 7.12 Passed ⁶	Ratio: 1.26 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 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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