

Converting Colors - WCAG Matrix

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

	Hex(32342E)	Hex(FFFFFF)	Hex(60625C)	Hex(797B74)	Hex(93958E)	Hex(ADB0A8)	Hex(C9CBC3)	Hex(E5E7DF)	Hex(FFFFFFFC)
Hex(32342E)		Ratio: 12.60 Passed ⁶	Ratio: 2.04 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 7.69 Passed ⁶	Ratio: 10.10 Passed ⁶	Ratio: 12.58 Passed ⁶
Hex(FFFFFF)	Ratio: 12.60 Passed ⁶		Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 4.29 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(60625C)	Ratio: 2.04 Failed ⁵	Ratio: 6.18 AA ¹ AAA 18pt ⁴		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(797B74)	Ratio: 2.94 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 4.28 AA 18pt ²
Hex(93958E)	Ratio: 4.16 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(ADB0A8)	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 2.20 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(C9CBC3)	Ratio: 7.69 Passed ⁶	Ratio: 1.64 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(E5E7DF)	Ratio: 10.10 Passed ⁶	Ratio: 1.25 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 3.44 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(FFFFFFFC)	Ratio: 12.58 Passed ⁶	Ratio: 1.00 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 4.28 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.25 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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