

Converting Colors - WCAG Matrix

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

	Hex(4E635C)	Hex(FFFFFF)	Hex(7F968F)	Hex(99B1A9)	Hex(B4CCC4)	Hex(D0E9E0)	Hex(ECFFFD)
Hex(4E635C)		Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.44 AA ¹ AAA 18pt ⁴		Ratio: 3.15 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(7F968F)	Ratio: 2.04 Failed ⁵	Ratio: 3.15 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(99B1A9)	Ratio: 2.82 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(B4CCC4)	Ratio: 3.79 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(D0E9E0)	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(ECFFFD)	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.24 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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