

Converting Colors - WCAG Matrix

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

	Hex(63615D)	Hex(FFFFFF)	Hex(969490)	Hex(B1AFAA)	Hex(CCCAC5)	Hex(E8E6E1)	Hex(FFFFFFE)
Hex(63615D)		Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 6.18 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.18 AA ¹ AAA 18pt ⁴		Ratio: 3.03 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(969490)	Ratio: 2.04 Failed ⁵	Ratio: 3.03 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(B1AFAA)	Ratio: 2.82 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(CCCAC5)	Ratio: 3.77 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(E8E6E1)	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(FFFFFFE)	Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵	Ratio: 3.03 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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