

Converting Colors - WCAG Matrix

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

Hex(ADAAAA) Hex(C9C5C5) Hex(E5E1E1) Hex(FFFEFE) Hex(FFFFFF)

Hex(ADAAAA)		Ratio: 1.35 Failed⁵	Ratio: 1.78 Failed⁵	Ratio: 2.29 Failed⁵
Hex(C9C5C5)	Ratio: 1.35 Failed⁵		Ratio: 1.32 Failed⁵	Ratio: 1.70 Failed⁵
Hex(E5E1E1)	Ratio: 1.78 Failed⁵	Ratio: 1.32 Failed⁵		Ratio: 1.29 Failed⁵
Hex(FFFEFE)	Ratio: 2.29 Failed⁵	Ratio: 1.70 Failed⁵	Ratio: 1.29 Failed⁵	
Hex(FFFFFF)	Ratio: 2.31 Failed⁵	Ratio: 1.71 Failed⁵	Ratio: 1.30 Failed⁵	Ratio: 1.01 Failed⁵

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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