

Converting Colors - WCAG Matrix

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

Hex(C9CACA) Hex(FCFFFF) Hex(C9C9CA) Hex(656666) Hex(00A6A1) Hex(002625)

	Hex(C9CACA)	Hex(FCFFFF)	Hex(C9C9CA)	Hex(656666)	Hex(00A6A1)	Hex(002625)
Hex(C9CACA)		Ratio: 1.63 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 9.80 Passed ⁶
Hex(FCFFFF)	Ratio: 1.63 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 3.00 AA 18pt ²	Ratio: 16.02 Passed ⁶
Hex(C9C9CA)	Ratio: 1.01 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 3.48 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 9.73 Passed ⁶
Hex(656666)	Ratio: 3.51 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²		Ratio: 1.91 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(00A6A1)	Ratio: 1.83 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 5.34 AA ¹ AAA 18pt ⁴
Hex(002625)	Ratio: 9.80 Passed ⁶	Ratio: 16.02 Passed ⁶	Ratio: 9.73 Passed ⁶	Ratio: 2.80 Failed ⁵	Ratio: 5.34 AA ¹ AAA 18pt ⁴	

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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