

Converting Colors - WCAG Matrix

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

Hex(CFD1D1) Hex(FCFFFF) Hex(CFD0D1) Hex(686969) Hex(00A8A8) Hex(002929)

	Hex(CFD1D1)	Hex(FCFFFF)	Hex(CFD0D1)	Hex(686969)	Hex(00A8A8)	Hex(002929)
Hex(CFD1D1)		Ratio: 1.53 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 10.15 Passed ⁶
Hex(FCFFFF)	Ratio: 1.53 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 2.91 Failed ⁵	Ratio: 15.48 Passed ⁶
Hex(CFD0D1)	Ratio: 1.01 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 3.57 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 10.08 Passed ⁶
Hex(686969)	Ratio: 3.59 AA 18pt ²	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 3.57 AA 18pt ²		Ratio: 1.88 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(00A8A8)	Ratio: 1.91 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 5.31 AA ¹ AAA 18pt ⁴
Hex(002929)	Ratio: 10.15 Passed ⁶	Ratio: 15.48 Passed ⁶	Ratio: 10.08 Passed ⁶	Ratio: 2.83 Failed ⁵	Ratio: 5.31 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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