

Converting Colors - WCAG Matrix

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

Hex(CCE3E1) Hex(E0FFFC) Hex(CCDAE3) Hex(677372) Hex(00B3A3) Hex(00332F)

	Hex(CCE3E1)	Hex(E0FFFC)	Hex(CCDAE3)	Hex(677372)	Hex(00B3A3)	Hex(00332F)
Hex(CCE3E1)		Ratio: 1.27 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.96 Failed ⁵	Ratio: 10.33 Passed ⁶
Hex(E0FFFC)	Ratio: 1.27 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 2.49 Failed ⁵	Ratio: 13.13 Passed ⁶
Hex(CCDAE3)	Ratio: 1.06 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 3.44 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 9.71 Passed ⁶
Hex(677372)	Ratio: 3.66 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.44 AA 18pt ²		Ratio: 1.87 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(00B3A3)	Ratio: 1.96 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(00332F)	Ratio: 10.33 Passed ⁶	Ratio: 13.13 Passed ⁶	Ratio: 9.71 Passed ⁶	Ratio: 2.82 Failed ⁵	Ratio: 5.27 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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