

Converting Colors - WCAG Matrix

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

Hex(CCE3E3) Hex(E0FFFF) Hex(CCD6E3) Hex(667373) Hex(00B3B3) Hex(003333)

	Hex(CCE3E3)	Hex(E0FFFF)	Hex(CCD6E3)	Hex(667373)	Hex(00B3B3)	Hex(003333)
Hex(CCE3E3)		Ratio: 1.27 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 10.30 Passed ⁶
Hex(E0FFFF)	Ratio: 1.27 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 2.46 Failed ⁵	Ratio: 13.09 Passed ⁶
Hex(CCD6E3)	Ratio: 1.10 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 3.35 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 9.40 Passed ⁶
Hex(667373)	Ratio: 3.67 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 3.35 AA 18pt ²		Ratio: 1.90 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(00B3B3)	Ratio: 1.93 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(003333)	Ratio: 10.30 Passed ⁶	Ratio: 13.09 Passed ⁶	Ratio: 9.40 Passed ⁶	Ratio: 2.80 Failed ⁵	Ratio: 5.32 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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