

Converting Colors - WCAG Matrix

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

Hex(CFE3D8) Hex(E3FFF0) Hex(CFE3E2) Hex(67736C) Hex(00B350) Hex(003317)

	Hex(CFE3D8)	Hex(E3FFF0)	Hex(CFE3E2)	Hex(67736C)	Hex(00B350)	Hex(003317)
Hex(CFE3D8)		Ratio: 1.27 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 10.52 Passed ⁶
Hex(E3FFF0)	Ratio: 1.27 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 2.62 Failed ⁵	Ratio: 13.34 Passed ⁶
Hex(CFE3E2)	Ratio: 1.01 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 3.71 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 10.59 Passed ⁶
Hex(67736C)	Ratio: 3.68 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²		Ratio: 1.78 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(00B350)	Ratio: 2.07 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(003317)	Ratio: 10.52 Passed ⁶	Ratio: 13.34 Passed ⁶	Ratio: 10.59 Passed ⁶	Ratio: 2.86 Failed ⁵	Ratio: 5.09 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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