

Converting Colors - WCAG Matrix

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

Hex(C6DECD) Hex(DEF8E8) Hex(C6DED9) Hex(657068) Hex(00B033) Hex(00300E)

	Hex(C6DECD)	Hex(DEF8E8)	Hex(C6DED9)	Hex(657068)	Hex(00B033)	Hex(00300E)
Hex(C6DECD)		Ratio: 1.33 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 10.31 Passed ⁶
Hex(DEF8E8)	Ratio: 1.33 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 2.70 Failed ⁵	Ratio: 13.70 Passed ⁶
Hex(C6DED9)	Ratio: 1.01 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 3.65 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 10.39 Passed ⁶
Hex(657068)	Ratio: 3.62 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 3.65 AA 18pt ²		Ratio: 1.78 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(00B033)	Ratio: 2.03 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 5.08 AA ¹ AAA 18pt ⁴
Hex(00300E)	Ratio: 10.31 Passed ⁶	Ratio: 13.70 Passed ⁶	Ratio: 10.39 Passed ⁶	Ratio: 2.85 Failed ⁵	Ratio: 5.08 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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