

Converting Colors - WCAG Matrix

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

	Hex(000D07)	Hex(E2EDE8)	Hex(303834)	Hex(464F4B)	Hex(5E6763)	Hex(77807C)	Hex(909A96)	Hex(ABB5B0)	Hex(C6D0CC)
Hex(000D07)		Ratio: 16.51 Passed ⁶	Ratio: 1.64 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 9.40 Passed ⁶	Ratio: 12.54 Passed ⁶
Hex(E2EDE8)	Ratio: 16.51 Passed ⁶		Ratio: 10.06 Passed ⁶	Ratio: 7.06 Passed ⁶	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 3.39 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(303834)	Ratio: 1.64 Failed ⁵	Ratio: 10.06 Passed ⁶		Ratio: 1.42 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 7.64 Passed ⁶
Hex(464F4B)	Ratio: 2.34 Failed ⁵	Ratio: 7.06 Passed ⁶	Ratio: 1.42 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴
Hex(5E6763)	Ratio: 3.39 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 2.07 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.70 AA 18pt ²
Hex(77807C)	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 3.39 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(909A96)	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 2.42 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(ABB5B0)	Ratio: 9.40 Passed ⁶	Ratio: 1.76 Failed ⁵	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 4.02 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.33 Failed ⁵
Hex(C6D0CC)	Ratio: 12.54 Passed ⁶	Ratio: 1.32 Failed ⁵	Ratio: 7.64 Passed ⁶	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 3.70 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵	

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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