

Converting Colors - WCAG Matrix

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

	Hex(AAB980)	Hex(8F9E67)	Hex(75844E)	Hex(5C6B37)	Hex(445320)	Hex(2C3B09)	Hex(172600)	Hex(001100)	Hex(FFFFFF)
Hex(AAB980)		Ratio: 1.37 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 7.58 Passed ⁶	Ratio: 9.22 Passed ⁶	Ratio: 2.11 Failed ⁵
Hex(8F9E67)	Ratio: 1.37 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 6.72 AA ¹ AAA 18pt ⁴	Ratio: 2.89 Failed ⁵
Hex(75844E)	Ratio: 1.93 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 4.06 AA 18pt ²
Hex(5C6B37)	Ratio: 2.76 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(445320)	Ratio: 3.98 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 8.39 Passed ⁶
Hex(2C3B09)	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 4.18 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 12.09 Passed ⁶
Hex(172600)	Ratio: 7.58 Passed ⁶	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 15.99 Passed ⁶
Hex(001100)	Ratio: 9.22 Passed ⁶	Ratio: 6.72 AA ¹ AAA 18pt ⁴	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 3.35 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 19.44 Passed ⁶
Hex(FFFFFF)	Ratio: 2.11 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 8.39 Passed ⁶	Ratio: 12.09 Passed ⁶	Ratio: 15.99 Passed ⁶	Ratio: 19.44 Passed ⁶	

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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