

Converting Colors - WCAG Matrix

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

Hex(A9B596) Hex(D8EBBC) Hex(99B596) Hex(585C53) Hex(5D9C00) Hex(111C00)

	Hex(A9B596)	Hex(D8EBBC)	Hex(99B596)	Hex(585C53)	Hex(5D9C00)	Hex(111C00)
Hex(A9B596)		Ratio: 1.70 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 8.18 Passed ⁶
Hex(D8EBBC)	Ratio: 1.70 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 2.66 Failed ⁵	Ratio: 13.89 Passed ⁶
Hex(99B596)	Ratio: 1.04 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 3.06 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 7.90 Passed ⁶
Hex(585C53)	Ratio: 3.17 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 3.06 AA 18pt ²		Ratio: 2.03 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(5D9C00)	Ratio: 1.57 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 5.23 AA ¹ AAA 18pt ⁴
Hex(111C00)	Ratio: 8.18 Passed ⁶	Ratio: 13.89 Passed ⁶	Ratio: 7.90 Passed ⁶	Ratio: 2.58 Failed ⁵	Ratio: 5.23 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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