

Converting Colors - WCAG Matrix

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

Hex(A19B9C) Hex(D1C9CA) Hex(A19D9B) Hex(524E4E) Hex(910016) Hex(120003)

	Hex(A19B9C)	Hex(D1C9CA)	Hex(A19D9B)	Hex(524E4E)	Hex(910016)	Hex(120003)
Hex(A19B9C)		Ratio: 1.68 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 7.48 Passed ⁶
Hex(D1C9CA)	Ratio: 1.68 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 12.58 Passed ⁶
Hex(A19D9B)	Ratio: 1.02 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 3.05 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 7.61 Passed ⁶
Hex(524E4E)	Ratio: 3.00 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 3.05 AA 18pt ²		Ratio: 1.15 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(910016)	Ratio: 3.47 AA 18pt ²	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 3.53 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 2.16 Failed ⁵
Hex(120003)	Ratio: 7.48 Passed ⁶	Ratio: 12.58 Passed ⁶	Ratio: 7.61 Passed ⁶	Ratio: 2.49 Failed ⁵	Ratio: 2.16 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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