

Converting Colors - WCAG Matrix

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

Hex(A9A3A6) Hex(DBD3D7) Hex(A3A9A3) Hex(545052) Hex(94004A) Hex(14000A)

	Hex(A9A3A6)	Hex(DBD3D7)	Hex(A3A9A3)	Hex(545052)	Hex(94004A)	Hex(14000A)
Hex(A9A3A6)		Ratio: 1.69 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 3.59 AA 18pt ²	Ratio: 8.20 Passed ⁶
Hex(DBD3D7)	Ratio: 1.69 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 13.84 Passed ⁶
Hex(A3A9A3)	Ratio: 1.03 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 3.31 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 8.47 Passed ⁶
Hex(545052)	Ratio: 3.20 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 3.31 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(94004A)	Ratio: 3.59 AA 18pt ²	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 2.28 Failed ⁵
Hex(14000A)	Ratio: 8.20 Passed ⁶	Ratio: 13.84 Passed ⁶	Ratio: 8.47 Passed ⁶	Ratio: 2.56 Failed ⁵	Ratio: 2.28 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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