

Converting Colors - WCAG Matrix

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

Hex(A79495) Hex(D9BABC) Hex(A79C94) Hex(544C4C) Hex(940008) Hex(140001)

	Hex(A79495)	Hex(D9BABC)	Hex(A79C94)	Hex(544C4C)	Hex(940008)	Hex(140001)
Hex(A79495)		Ratio: 1.60 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 7.10 Passed ⁶
Hex(D9BABC)	Ratio: 1.60 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 11.36 Passed ⁶
Hex(A79C94)	Ratio: 1.07 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 3.11 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 7.60 Passed ⁶
Hex(544C4C)	Ratio: 2.91 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.11 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940008)	Ratio: 3.23 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 3.46 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 2.20 Failed ⁵
Hex(140001)	Ratio: 7.10 Passed ⁶	Ratio: 11.36 Passed ⁶	Ratio: 7.60 Passed ⁶	Ratio: 2.44 Failed ⁵	Ratio: 2.20 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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