

Converting Colors - WCAG Matrix

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

Hex(979292) Hex(C4BDBC) Hex(979592) Hex(4D4949) Hex(8C0800) Hex(0D0100)

	Hex(979292)	Hex(C4BDBC)	Hex(979592)	Hex(4D4949)	Hex(8C0800)	Hex(0D0100)
Hex(979292)		Ratio: 1.66 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 6.70 AA ¹ AAA 18pt ⁴
Hex(C4BDBC)	Ratio: 1.66 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 11.11 Passed ⁶
Hex(979592)	Ratio: 1.03 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 2.97 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 6.88 AA ¹ AAA 18pt ⁴
Hex(4D4949)	Ratio: 2.89 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 2.97 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(8C0800)	Ratio: 3.18 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 1.10 Failed ⁵		Ratio: 2.10 Failed ⁵
Hex(0D0100)	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 11.11 Passed ⁶	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 2.32 Failed ⁵	Ratio: 2.10 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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