

Converting Colors - WCAG Matrix

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

Hex(919577) Hex(BCC293) Hex(829577) Hex(494A43) Hex(778A00) Hex(090A00)

	Hex(919577)	Hex(BCC293)	Hex(829577)	Hex(494A43)	Hex(778A00)	Hex(090A00)
Hex(919577)		Ratio: 1.67 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 6.42 AA ¹ AAA 18pt ⁴
Hex(BCC293)	Ratio: 1.67 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 2.08 Failed ⁵	Ratio: 10.69 Passed ⁶
Hex(829577)	Ratio: 1.04 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 2.78 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(494A43)	Ratio: 2.89 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 2.78 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(778A00)	Ratio: 1.25 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 5.14 AA ¹ AAA 18pt ⁴
Hex(090A00)	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 10.69 Passed ⁶	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 5.14 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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