

Converting Colors - WCAG Matrix

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

Hex(95535A) Hex(C25B66) Hex(956C53) Hex(4A4343) Hex(8A000F) Hex(0A0001)

	Hex(95535A)	Hex(C25B66)	Hex(956C53)	Hex(4A4343)	Hex(8A000F)	Hex(0A0001)
Hex(95535A)		Ratio: 1.36 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(C25B66)	Ratio: 1.36 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 4.92 AA ¹ AAA 18pt ⁴
Hex(956C53)	Ratio: 1.24 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 4.49 AA 18pt ²
Hex(4A4343)	Ratio: 1.68 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(8A000F)	Ratio: 1.75 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.06 Failed ⁵
Hex(0A0001)	Ratio: 3.61 AA 18pt ²	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 4.49 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 2.06 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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