

Converting Colors - WCAG Matrix

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

Hex(993D70) Hex(C73886) Hex(3D9994) Hex(4D4549) Hex(8C004D) Hex(0D0007)

	Hex(993D70)	Hex(C73886)	Hex(3D9994)	Hex(4D4549)	Hex(8C004D)	Hex(0D0007)
Hex(993D70)		Ratio: 1.33 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(C73886)	Ratio: 1.33 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 4.25 AA 18pt ²
Hex(3D9994)	Ratio: 1.90 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.73 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 6.06 AA ¹ AAA 18pt ⁴
Hex(4D4549)	Ratio: 1.44 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.73 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C004D)	Ratio: 1.47 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.18 Failed ⁵
Hex(0D0007)	Ratio: 3.19 AA 18pt ²	Ratio: 4.25 AA 18pt ²	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 2.18 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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