

Converting Colors - WCAG Matrix

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

Hex(1C3839) Hex(1D494A) Hex(1C2A39) Hex(191C1C) Hex(005B5C) Hex(00D9DB)

	Hex(1C3839)	Hex(1D494A)	Hex(1C2A39)	Hex(191C1C)	Hex(005B5C)	Hex(00D9DB)
Hex(1C3839)		Ratio: 1.26 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 7.14 Passed ⁶
Hex(1D494A)	Ratio: 1.26 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴
Hex(1C2A39)	Ratio: 1.16 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 8.30 Passed ⁶
Hex(191C1C)	Ratio: 1.37 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 9.76 Passed ⁶
Hex(005B5C)	Ratio: 1.58 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 4.51 AA ¹ AAA 18pt ⁴
Hex(00D9DB)	Ratio: 7.14 Passed ⁶	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 8.30 Passed ⁶	Ratio: 9.76 Passed ⁶	Ratio: 4.51 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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