

Converting Colors - WCAG Matrix

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

Hex(192327) Hex(1E2D33) Hex(191C27) Hex(121414) Hex(003A54) Hex(0092D4)

	Hex(192327)	Hex(1E2D33)	Hex(191C27)	Hex(121414)	Hex(003A54)	Hex(0092D4)
Hex(192327)		Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴
Hex(1E2D33)	Ratio: 1.13 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 4.10 AA 18pt ²
Hex(191C27)	Ratio: 1.06 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴
Hex(121414)	Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 5.34 AA ¹ AAA 18pt ⁴
Hex(003A54)	Ratio: 1.32 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 3.50 AA 18pt ²
Hex(0092D4)	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²	

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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