

Converting Colors - WCAG Matrix

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

Hex(223A3A) Hex(264D4D) Hex(222E3A) Hex(191C1C) Hex(005C5C) Hex(00DBDB)

	Hex(223A3A)	Hex(264D4D)	Hex(222E3A)	Hex(191C1C)	Hex(005C5C)	Hex(00DBDB)
Hex(223A3A)		Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 7.01 Passed ⁶
Hex(264D4D)	Ratio: 1.30 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.40 AA ¹ AAA 18pt ⁴
Hex(222E3A)	Ratio: 1.14 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 8.00 Passed ⁶
Hex(191C1C)	Ratio: 1.42 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 9.93 Passed ⁶
Hex(005C5C)	Ratio: 1.55 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.19 Failed ⁵		Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(00DBDB)	Ratio: 7.01 Passed ⁶	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 8.00 Passed ⁶	Ratio: 9.93 Passed ⁶	Ratio: 4.53 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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