

Converting Colors - WCAG Matrix

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

Hex(03ABA2) Hex(00DED3) Hex(0362AB) Hex(4C5454) Hex(00948D) Hex(001413)

	Hex(03ABA2)	Hex(00DED3)	Hex(0362AB)	Hex(4C5454)	Hex(00948D)	Hex(001413)
Hex(03ABA2)		Ratio: 1.69 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 6.63 AA ¹ AAA 18pt ⁴
Hex(00DED3)	Ratio: 1.69 Failed ⁵		Ratio: 3.71 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 2.20 Failed ⁵	Ratio: 11.17 Passed ⁶
Hex(0362AB)	Ratio: 2.20 Failed ⁵	Ratio: 3.71 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(4C5454)	Ratio: 2.72 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(00948D)	Ratio: 1.31 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 5.07 AA ¹ AAA 18pt ⁴
Hex(001413)	Ratio: 6.63 AA ¹ AAA 18pt ⁴	Ratio: 11.17 Passed ⁶	Ratio: 3.01 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 5.07 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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