

Converting Colors - WCAG Matrix

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

Hex(20AAB8) Hex(02DAF0) Hex(205FB8) Hex(535B5C) Hex(008D9C) Hex(00191C)

	Hex(20AAB8)	Hex(02DAF0)	Hex(205FB8)	Hex(535B5C)	Hex(008D9C)	Hex(00191C)
Hex(20AAB8)		Ratio: 1.64 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 6.49 AA ¹ AAA 18pt ⁴
Hex(02DAF0)	Ratio: 1.64 Failed ⁵		Ratio: 3.62 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 10.63 Passed ⁶
Hex(205FB8)	Ratio: 2.21 Failed ⁵	Ratio: 3.62 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(535B5C)	Ratio: 2.49 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(008D9C)	Ratio: 1.42 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(00191C)	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 10.63 Passed ⁶	Ratio: 2.93 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 4.58 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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