

Converting Colors - WCAG Matrix

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

Hex(7DB0BF) Hex(91E3FA) Hex(7D8FBF) Hex(575E61) Hex(007DA1) Hex(001A21)

	Hex(7DB0BF)	Hex(91E3FA)	Hex(7D8FBF)	Hex(575E61)	Hex(007DA1)	Hex(001A21)
Hex(7DB0BF)		Ratio: 1.65 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 7.55 Passed ⁶
Hex(91E3FA)	Ratio: 1.65 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²	Ratio: 12.46 Passed ⁶
Hex(7D8FBF)	Ratio: 1.35 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 5.60 AA ¹ AAA 18pt ⁴
Hex(575E61)	Ratio: 2.78 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 2.06 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(007DA1)	Ratio: 1.99 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 3.80 AA 18pt ²
Hex(001A21)	Ratio: 7.55 Passed ⁶	Ratio: 12.46 Passed ⁶	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 2.72 Failed ⁵	Ratio: 3.80 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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