

Converting Colors - WCAG Matrix

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

Hex(0FFFD6) Hex(00FFD3) Hex(0FB3FF) Hex(73807D) Hex(00BF9F) Hex(004035)

	Hex(0FFFD6)	Hex(00FFD3)	Hex(0FB3FF)	Hex(73807D)	Hex(00BF9F)	Hex(004035)
Hex(0FFFD6)		Ratio: 1.00 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 9.13 Passed ⁶
Hex(00FFD3)	Ratio: 1.00 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 9.10 Passed ⁶
Hex(0FB3FF)	Ratio: 1.83 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(73807D)	Ratio: 3.19 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 1.74 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(00BF9F)	Ratio: 1.82 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 5.02 AA ¹ AAA 18pt ⁴
Hex(004035)	Ratio: 9.13 Passed ⁶	Ratio: 9.10 Passed ⁶	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 2.86 Failed ⁵	Ratio: 5.02 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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