

Converting Colors - WCAG Matrix

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

Hex(FFFFFFD) Hex(FFFFFFC) Hex(FEFFFFD) Hex(807F7E) Hex(BFAA00) Hex(403900)

Hex(FFFFFFD)	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 11.63 Passed ⁶
Hex(FFFFFFC)	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 11.62 Passed ⁶
Hex(FEFFFFD)	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 3.98 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 11.61 Passed ⁶
Hex(807F7E)	Ratio: 3.99 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 3.98 AA 18pt ²		Ratio: 1.71 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(BFAA00)	Ratio: 2.34 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(403900)	Ratio: 11.63 Passed ⁶	Ratio: 11.62 Passed ⁶	Ratio: 11.61 Passed ⁶	Ratio: 2.91 Failed ⁵	Ratio: 4.97 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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