

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C6A3BA) Hex(FFF2FB) Hex(AFA3C6) Hex(80787D) Hex(000000) Hex(808080)

Hex(C6A3BA)	Ratio: 2.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 9.35 Passed ⁶	Ratio: 1.76 Failed ⁵
Hex(FFF2FB)	Ratio: 2.07 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 19.35 Passed ⁶
Hex(AFA3C6)	Ratio: 1.05 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 8.88 Passed ⁶
Hex(80787D)	Ratio: 1.91 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.81 Failed ⁵		Ratio: 4.90 AA ¹ AAA 18pt ⁴
Hex(000000)	Ratio: 9.35 Passed ⁶	Ratio: 19.35 Passed ⁶	Ratio: 8.88 Passed ⁶	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.76 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 5.32 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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