

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(CA808E) Hex(FF8FA4) Hex(CA9680) Hex(665C5E) Hex(A6001F) Hex(260007)

Hex(CA808E)		Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 6.44 AA ¹ AAA 18pt ⁴
Hex(FF8FA4)	Ratio: 1.39 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 8.95 Passed ⁶
Hex(CA9680)	Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.51 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 7.54 Passed ⁶
Hex(665C5E)	Ratio: 2.15 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.51 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A6001F)	Ratio: 2.65 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(260007)	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 8.95 Passed ⁶	Ratio: 7.54 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 2.43 Failed ⁵	

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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