

Converting Colors - WCAG Matrix

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

Hex(CC7886) Hex(FF8297) Hex(CC9478) Hex(665C5E) Hex(A6001C) Hex(260006)

	Hex(CC7886)	Hex(FF8297)	Hex(CC9478)	Hex(665C5E)	Hex(A6001C)	Hex(260006)
Hex(CC7886)		Ratio: 1.35 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 6.08 AA ¹ AAA 18pt ⁴
Hex(FF8297)	Ratio: 1.35 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 8.20 Passed ⁶
Hex(CC9478)	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 7.44 Passed ⁶
Hex(665C5E)	Ratio: 2.03 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.48 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A6001C)	Ratio: 2.50 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(260006)	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 8.20 Passed ⁶	Ratio: 7.44 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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