

Converting Colors - WCAG Matrix

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

Hex(FFA8B2) Hex(FF96A2) Hex(DEFFA8) Hex(807374) Hex(BF0016) Hex(400007)

	Hex(FFA8B2)	Hex(FF96A2)	Hex(DEFFA8)	Hex(807374)	Hex(BF0016)	Hex(400007)
Hex(FFA8B2)		Ratio: 1.13 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 9.42 Passed ⁶
Hex(FF96A2)	Ratio: 1.13 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 8.30 Passed ⁶
Hex(DEFFA8)	Ratio: 1.65 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 4.11 AA 18pt ²	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 15.54 Passed ⁶
Hex(807374)	Ratio: 2.49 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 4.11 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(BF0016)	Ratio: 3.56 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400007)	Ratio: 9.42 Passed ⁶	Ratio: 8.30 Passed ⁶	Ratio: 15.54 Passed ⁶	Ratio: 3.79 AA 18pt ²	Ratio: 2.64 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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