

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FF99A2) Hex(FF858F) Hex(FFC299) Hex(807374) Hex(BF0011) Hex(400006)

	Hex(FF99A2)	Hex(FF858F)	Hex(FFC299)	Hex(807374)	Hex(BF0011)	Hex(400006)
Hex(FF99A2)		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 8.46 Passed ⁶
Hex(FF858F)	Ratio: 1.15 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 7.38 Passed ⁶
Hex(FFC299)	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 2.91 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 11.00 Passed ⁶
Hex(807374)	Ratio: 2.23 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.91 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(BF0011)	Ratio: 3.20 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400006)	Ratio: 8.46 Passed ⁶	Ratio: 7.38 Passed ⁶	Ratio: 11.00 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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