

Converting Colors - WCAG Matrix

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

Hex(9091A5) Hex(B6B8D6) Hex(9990A5) Hex(494A52) Hex(000A91) Hex(000112)

	Hex(9091A5)	Hex(B6B8D6)	Hex(9990A5)	Hex(494A52)	Hex(000A91)	Hex(000112)
Hex(9091A5)		Ratio: 1.60 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 6.69 AA ¹ AAA 18pt ⁴
Hex(B6B8D6)	Ratio: 1.60 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 7.45 Passed ⁶	Ratio: 10.68 Passed ⁶
Hex(9990A5)	Ratio: 1.02 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.89 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 6.80 AA ¹ AAA 18pt ⁴
Hex(494A52)	Ratio: 2.84 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 2.89 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(000A91)	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 7.45 Passed ⁶	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 1.64 Failed ⁵		Ratio: 1.43 Failed ⁵
Hex(000112)	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 10.68 Passed ⁶	Ratio: 6.80 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 1.43 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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