

Converting Colors - WCAG Matrix

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

Hex(BDA0A0) Hex(F5C9C9) Hex(BDAFA0) Hex(5E5555) Hex(9E0000) Hex(1F0000)

	Hex(BDA0A0)	Hex(F5C9C9)	Hex(BDAFA0)	Hex(5E5555)	Hex(9E0000)	Hex(1F0000)
Hex(BDA0A0)		Ratio: 1.62 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 8.22 Passed ⁶
Hex(F5C9C9)	Ratio: 1.62 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 13.31 Passed ⁶
Hex(BDAFA0)	Ratio: 1.13 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 3.37 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 9.26 Passed ⁶
Hex(5E5555)	Ratio: 2.99 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²		Ratio: 1.18 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(9E0000)	Ratio: 3.55 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 4.00 AA 18pt ²	Ratio: 1.18 Failed ⁵		Ratio: 2.32 Failed ⁵
Hex(1F0000)	Ratio: 8.22 Passed ⁶	Ratio: 13.31 Passed ⁶	Ratio: 9.26 Passed ⁶	Ratio: 2.75 Failed ⁵	Ratio: 2.32 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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