

Converting Colors - WCAG Matrix

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

Hex(BD96A8) Hex(F5B8D3) Hex(BCBD96) Hex(5E5559) Hex(9E0048) Hex(1F000E)

	Hex(BD96A8)	Hex(F5B8D3)	Hex(BCBD96)	Hex(5E5559)	Hex(9E0048)	Hex(1F000E)
Hex(BD96A8)		Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 7.60 Passed ⁶
Hex(F5B8D3)	Ratio: 1.57 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 4.34 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 11.91 Passed ⁶
Hex(BCBD96)	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 3.72 AA 18pt ²	Ratio: 4.26 AA 18pt ²	Ratio: 10.20 Passed ⁶
Hex(5E5559)	Ratio: 2.77 Failed ⁵	Ratio: 4.34 AA 18pt ²	Ratio: 3.72 AA 18pt ²		Ratio: 1.15 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(9E0048)	Ratio: 3.18 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 4.26 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 2.39 Failed ⁵
Hex(1F000E)	Ratio: 7.60 Passed ⁶	Ratio: 11.91 Passed ⁶	Ratio: 10.20 Passed ⁶	Ratio: 2.74 Failed ⁵	Ratio: 2.39 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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