

Converting Colors - WCAG Matrix

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

Hex(B198BB) Hex(E3BDF2) Hex(BB98B4) Hex(5C555E) Hex(71009E) Hex(16001F)

	Hex(B198BB)	Hex(E3BDF2)	Hex(BB98B4)	Hex(5C555E)	Hex(71009E)	Hex(16001F)
Hex(B198BB)		Ratio: 1.59 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 7.66 Passed ⁶
Hex(E3BDF2)	Ratio: 1.59 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 12.17 Passed ⁶
Hex(BB98B4)	Ratio: 1.02 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 2.83 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 7.84 Passed ⁶
Hex(5C555E)	Ratio: 2.77 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 2.83 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(71009E)	Ratio: 3.68 AA 18pt ²	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 3.76 AA 18pt ²	Ratio: 1.33 Failed ⁵		Ratio: 2.08 Failed ⁵
Hex(16001F)	Ratio: 7.66 Passed ⁶	Ratio: 12.17 Passed ⁶	Ratio: 7.84 Passed ⁶	Ratio: 2.77 Failed ⁵	Ratio: 2.08 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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