

Converting Colors - WCAG Matrix

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

Hex(B49EA2) Hex(EBC7CE) Hex(B4A59E) Hex(595052) Hex(99001C) Hex(1A0005)

	Hex(B49EA2)	Hex(EBC7CE)	Hex(B4A59E)	Hex(595052)	Hex(99001C)	Hex(1A0005)
Hex(B49EA2)		Ratio: 1.63 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 7.98 Passed ⁶
Hex(EBC7CE)	Ratio: 1.63 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 12.99 Passed ⁶
Hex(B4A59E)	Ratio: 1.06 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 3.27 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 8.43 Passed ⁶
Hex(595052)	Ratio: 3.10 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(99001C)	Ratio: 3.52 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 2.27 Failed ⁵
Hex(1A0005)	Ratio: 7.98 Passed ⁶	Ratio: 12.99 Passed ⁶	Ratio: 8.43 Passed ⁶	Ratio: 2.58 Failed ⁵	Ratio: 2.27 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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