

Converting Colors - WCAG Matrix

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

Hex(B4ACB4) Hex(EADFEF) Hex(B4ACB0) Hex(595459) Hex(940099) Hex(19001A)

	Hex(B4ACB4)	Hex(EADFEF)	Hex(B4ACB0)	Hex(595459)	Hex(940099)	Hex(19001A)
Hex(B4ACB4)		Ratio: 1.71 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 9.00 Passed ⁶
Hex(EADFEF)	Ratio: 1.71 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 15.39 Passed ⁶
Hex(B4ACB0)	Ratio: 1.00 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 3.34 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 8.96 Passed ⁶
Hex(595459)	Ratio: 3.35 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 3.34 AA 18pt ²		Ratio: 1.04 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(940099)	Ratio: 3.49 AA 18pt ²	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²	Ratio: 1.04 Failed ⁵		Ratio: 2.57 Failed ⁵
Hex(19001A)	Ratio: 9.00 Passed ⁶	Ratio: 15.39 Passed ⁶	Ratio: 8.96 Passed ⁶	Ratio: 2.69 Failed ⁵	Ratio: 2.57 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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