

Converting Colors - WCAG Matrix

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

Hex(B5A2B4) Hex(EBCCE9) Hex(ABB5A2) Hex(595059) Hex(990091) Hex(1A0018)

	Hex(B5A2B4)	Hex(EBCCE9)	Hex(ABB5A2)	Hex(595059)	Hex(990091)	Hex(1A0018)
Hex(B5A2B4)		Ratio: 1.63 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 8.32 Passed ⁶
Hex(EBCCE9)	Ratio: 1.63 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 13.57 Passed ⁶
Hex(ABB5A2)	Ratio: 1.12 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 3.63 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 9.33 Passed ⁶
Hex(595059)	Ratio: 3.24 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²		Ratio: 1.02 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(990091)	Ratio: 3.18 AA 18pt ²	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 3.57 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(1A0018)	Ratio: 8.32 Passed ⁶	Ratio: 13.57 Passed ⁶	Ratio: 9.33 Passed ⁶	Ratio: 2.57 Failed ⁵	Ratio: 2.61 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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