

Converting Colors - WCAG Matrix

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

Hex(B28290) Hex(E89EB3) Hex(B28C82) Hex(595053) Hex(99002C) Hex(1A0007)

	Hex(B28290)	Hex(E89EB3)	Hex(B28C82)	Hex(595053)	Hex(99002C)	Hex(1A0007)
Hex(B28290)		Ratio: 1.54 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 6.20 AA ¹ AAA 18pt ⁴
Hex(E89EB3)	Ratio: 1.54 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 9.53 Passed ⁶
Hex(B28C82)	Ratio: 1.07 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.58 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 6.65 AA ¹ AAA 18pt ⁴
Hex(595053)	Ratio: 2.41 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 2.58 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(99002C)	Ratio: 2.71 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.28 Failed ⁵
Hex(1A0007)	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 9.53 Passed ⁶	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 2.58 Failed ⁵	Ratio: 2.28 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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