

Converting Colors - WCAG Matrix

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

Hex(B038B0) Hex(E629E6) Hex(B07338) Hex(594F59) Hex(990099) Hex(1A001A)

	Hex(B038B0)	Hex(E629E6)	Hex(B07338)	Hex(594F59)	Hex(990099)	Hex(1A001A)
Hex(B038B0)		Ratio: 1.44 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(E629E6)	Ratio: 1.44 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(B07338)	Ratio: 1.33 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴
Hex(594F59)	Ratio: 1.50 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(990099)	Ratio: 1.43 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.66 Failed ⁵
Hex(1A001A)	Ratio: 3.81 AA 18pt ²	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 2.54 Failed ⁵	Ratio: 2.66 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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