

Converting Colors - WCAG Matrix

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

Hex(B24262) Hex(E5376A) Hex(9BB242) Hex(595053) Hex(99002D) Hex(190007)

	Hex(B24262)	Hex(E5376A)	Hex(9BB242)	Hex(595053)	Hex(99002D)	Hex(190007)
Hex(B24262)		Ratio: 1.32 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.68 AA 18pt ²
Hex(E5376A)	Ratio: 1.32 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(9BB242)	Ratio: 2.30 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 3.28 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 8.46 Passed ⁶
Hex(595053)	Ratio: 1.43 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 3.28 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(99002D)	Ratio: 1.61 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 2.29 Failed ⁵
Hex(190007)	Ratio: 3.68 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 8.46 Passed ⁶	Ratio: 2.58 Failed ⁵	Ratio: 2.29 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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