

Converting Colors - WCAG Matrix

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

Hex(BA2554) Hex(F20A53) Hex(259FBA) Hex(5E5558) Hex(9E0032) Hex(1F000A)

	Hex(BA2554)	Hex(F20A53)	Hex(259FBA)	Hex(5E5558)	Hex(9E0032)	Hex(1F000A)
Hex(BA2554)		Ratio: 1.42 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(F20A53)	Ratio: 1.42 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(259FBA)	Ratio: 1.94 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 6.35 AA ¹ AAA 18pt ⁴
Hex(5E5558)	Ratio: 1.19 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(9E0032)	Ratio: 1.39 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.35 Failed ⁵
Hex(1F000A)	Ratio: 3.28 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 2.74 Failed ⁵	Ratio: 2.35 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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