

Converting Colors - WCAG Matrix

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

Hex(C567C1) Hex(FF6EF9) Hex(C59967) Hex(635A63) Hex(A3009C) Hex(240022)

	Hex(C567C1)	Hex(FF6EF9)	Hex(C59967)	Hex(635A63)	Hex(A3009C)	Hex(240022)
Hex(C567C1)		Ratio: 1.45 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 5.54 AA ¹ AAA 18pt ⁴
Hex(FF6EF9)	Ratio: 1.45 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 8.06 Passed ⁶
Hex(C59967)	Ratio: 1.34 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.56 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 7.40 Passed ⁶
Hex(635A63)	Ratio: 1.92 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 2.56 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(A3009C)	Ratio: 2.00 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(240022)	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 8.06 Passed ⁶	Ratio: 7.40 Passed ⁶	Ratio: 2.89 Failed ⁵	Ratio: 2.77 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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