

Converting Colors - WCAG Matrix

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

	Hex(361F4D)	Hex(FFFFFF)	Hex(664C7E)	Hex(806498)	Hex(9A7DB3)	Hex(B697CF)	Hex(D1B2EB)	Hex(ECEFF)	Hex(FFEAFF)
Hex(361F4D)		Ratio: 14.38 Passed ⁶	Ratio: 1.99 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 7.73 Passed ⁶	Ratio: 10.21 Passed ⁶	Ratio: 12.65 Passed ⁶
Hex(FFFFFF)	Ratio: 14.38 Passed ⁶		Ratio: 7.24 Passed ⁶	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 3.52 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(664C7E)	Ratio: 1.99 Failed ⁵	Ratio: 7.24 Passed ⁶		Ratio: 1.45 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 6.37 AA ¹ AAA 18pt ⁴
Hex(806498)	Ratio: 2.87 Failed ⁵	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 4.40 AA 18pt ²
Hex(9A7DB3)	Ratio: 4.08 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(B697CF)	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 2.53 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(D1B2EB)	Ratio: 7.73 Passed ⁶	Ratio: 1.86 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(ECEFF)	Ratio: 10.21 Passed ⁶	Ratio: 1.41 Failed ⁵	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 3.55 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(FFEAFF)	Ratio: 12.65 Passed ⁶	Ratio: 1.14 Failed ⁵	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 4.40 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.24 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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