

Converting Colors - WCAG Matrix

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

	Hex(623345)	Hex(FFFFFF)	Hex(966376)	Hex(B17C8F)	Hex(CD96AA)	Hex(EAB1C5)	Hex(FFCDE1)	Hex(FFE9FD)
Hex(623345)		Ratio: 10.10 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 7.25 Passed ⁶	Ratio: 8.82 Passed ⁶
Hex(FFFFFF)	Ratio: 10.10 Passed ⁶		Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 3.42 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(966376)	Ratio: 2.09 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 4.22 AA 18pt ²
Hex(B17C8F)	Ratio: 2.96 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(CD96AA)	Ratio: 4.11 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(EAB1C5)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 1.81 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(FFCDE1)	Ratio: 7.25 Passed ⁶	Ratio: 1.39 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFE9FD)	Ratio: 8.82 Passed ⁶	Ratio: 1.15 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.22 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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