

Converting Colors - WCAG Matrix

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

Hex(D1636D) Hex(FF5E6D) Hex(63D18F) Hex(695E5F) Hex(A8000F) Hex(290004)

	Hex(D1636D)	Hex(FF5E6D)	Hex(63D18F)	Hex(695E5F)	Hex(A8000F)	Hex(290004)
Hex(D1636D)		Ratio: 1.24 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴
Hex(FF5E6D)	Ratio: 1.24 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 6.45 AA ¹ AAA 18pt ⁴
Hex(63D18F)	Ratio: 1.93 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 3.28 AA 18pt ²	Ratio: 4.13 AA 18pt ²	Ratio: 10.08 Passed ⁶
Hex(695E5F)	Ratio: 1.70 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 3.28 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(A8000F)	Ratio: 2.14 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(290004)	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 10.08 Passed ⁶	Ratio: 3.07 AA 18pt ²	Ratio: 2.44 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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