

Converting Colors - WCAG Matrix

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

Hex(D16D76) Hex(FF6E7B) Hex(6DA9D1) Hex(695E5F) Hex(A8000F) Hex(290004)

	Hex(D16D76)	Hex(FF6E7B)	Hex(6DA9D1)	Hex(695E5F)	Hex(A8000F)	Hex(290004)
Hex(D16D76)		Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴
Hex(FF6E7B)	Ratio: 1.26 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 7.09 Passed ⁶
Hex(6DA9D1)	Ratio: 1.34 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.45 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 7.52 Passed ⁶
Hex(695E5F)	Ratio: 1.83 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.45 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(A8000F)	Ratio: 2.31 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(290004)	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 7.09 Passed ⁶	Ratio: 7.52 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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