

Converting Colors - WCAG Matrix

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

Hex(F0607A) Hex(FFD1D9) Hex(D660F0) Hex(806369) Hex(000000) Hex(808080)

	Hex(F0607A)	Hex(FFD1D9)	Hex(D660F0)	Hex(806369)	Hex(000000)	Hex(808080)
Hex(F0607A)		Ratio: 2.31 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(FFD1D9)	Ratio: 2.31 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 15.37 Passed ⁶	Ratio: 2.89 Failed ⁵
Hex(D660F0)	Ratio: 1.02 Failed ⁵	Ratio: 2.26 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(806369)	Ratio: 1.70 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.74 Failed ⁵		Ratio: 3.91 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(000000)	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 15.37 Passed ⁶	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 3.91 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.25 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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