

Converting Colors - WCAG Matrix

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

Hex(FF6100) Hex(FFD1B3) Hex(FF00A1) Hex(806352) Hex(000000) Hex(808080)

	Hex(FF6100)	Hex(FFD1B3)	Hex(FF00A1)	Hex(806352)	Hex(000000)	Hex(808080)
Hex(FF6100)		Ratio: 2.16 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(FFD1B3)	Ratio: 2.16 Failed ⁵		Ratio: 2.61 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 15.02 Passed ⁶	Ratio: 2.83 Failed ⁵
Hex(FF00A1)	Ratio: 1.21 Failed ⁵	Ratio: 2.61 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(806352)	Ratio: 1.82 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.51 Failed ⁵		Ratio: 3.82 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(000000)	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 15.02 Passed ⁶	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.31 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.39 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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