

Converting Colors - WCAG Matrix

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

Hex(FF915D) Hex(FFDECF) Hex(FF5DCC) Hex(806C62) Hex(000000) Hex(808080)

	Hex(FF915D)	Hex(FFDECF)	Hex(FF5DCC)	Hex(806C62)	Hex(000000)	Hex(808080)
Hex(FF915D)		Ratio: 1.75 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 9.46 Passed ⁶	Ratio: 1.78 Failed ⁵
Hex(FFDECF)	Ratio: 1.75 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 16.60 Passed ⁶	Ratio: 3.12 AA 18pt ²
Hex(FF5DCC)	Ratio: 1.23 Failed ⁵	Ratio: 2.16 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 7.69 Passed ⁶	Ratio: 1.45 Failed ⁵
Hex(806C62)	Ratio: 2.23 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.81 Failed ⁵		Ratio: 4.24 AA 18pt ²	Ratio: 1.25 Failed ⁵
Hex(000000)	Ratio: 9.46 Passed ⁶	Ratio: 16.60 Passed ⁶	Ratio: 7.69 Passed ⁶	Ratio: 4.24 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.78 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.45 Failed ⁵	Ratio: 1.25 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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