

Converting Colors - WCAG Matrix

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

Hex(C56466) Hex(FFD9DA) Hex(C264C5) Hex(806969) Hex(000000) Hex(808080)

	Hex(C56466)	Hex(FFD9DA)	Hex(C264C5)	Hex(806969)	Hex(000000)	Hex(808080)
Hex(C56466)		Ratio: 3.00 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(FFD9DA)	Ratio: 3.00 AA 18pt ²		Ratio: 2.73 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 16.19 Passed ⁶	Ratio: 3.04 AA 18pt ²
Hex(C264C5)	Ratio: 1.10 Failed ⁵	Ratio: 2.73 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 5.92 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(806969)	Ratio: 1.30 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 4.14 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(000000)	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 16.19 Passed ⁶	Ratio: 5.92 AA ¹ AAA 18pt ⁴	Ratio: 4.14 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.01 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.11 Failed ⁵	Ratio: 1.28 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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