

Converting Colors - WCAG Matrix

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

Hex(F1821D) Hex(FFDCBD) Hex(F11D8E) Hex(806B58) Hex(000000) Hex(808080)

	Hex(F1821D)	Hex(FFDCBD)	Hex(F11D8E)	Hex(806B58)	Hex(000000)	Hex(808080)
Hex(F1821D)		Ratio: 2.04 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 7.95 Passed ⁶	Ratio: 1.50 Failed ⁵
Hex(FFDCBD)	Ratio: 2.04 Failed ⁵		Ratio: 3.06 AA 18pt ²	Ratio: 3.90 AA 18pt ²	Ratio: 16.22 Passed ⁶	Ratio: 3.05 AA 18pt ²
Hex(F11D8E)	Ratio: 1.50 Failed ⁵	Ratio: 3.06 AA 18pt ²		Ratio: 1.28 Failed ⁵	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(806B58)	Ratio: 1.91 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 4.16 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(000000)	Ratio: 7.95 Passed ⁶	Ratio: 16.22 Passed ⁶	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 4.16 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.50 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.00 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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