

Converting Colors - WCAG Matrix

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

	Hex(57583C)	Hex(FFFFFF)	Hex(898A6C)	Hex(A4A485)	Hex(BFBF9F)	Hex(DBDBBA)	Hex(F7F7D6)	Hex(FFFFF2)
Hex(57583C)		Ratio: 7.33 Passed ⁶	Ratio: 2.06 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 7.27 Passed ⁶
Hex(FFFFFF)	Ratio: 7.33 Passed ⁶		Ratio: 3.55 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(898A6C)	Ratio: 2.06 Failed ⁵	Ratio: 3.55 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.52 AA 18pt ²
Hex(A4A485)	Ratio: 2.87 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(BFBF9F)	Ratio: 3.90 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(DBDBBA)	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.41 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(F7F7D6)	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FFFFF2)	Ratio: 7.27 Passed ⁶	Ratio: 1.01 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.08 Failed ⁵	

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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