

Converting Colors - WCAG Matrix

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

Hex(575253) Hex(FFFFFF) Hex(888484) Hex(A39E9E) Hex(BEB9B9) Hex(DAD4D5) Hex(F6F1F1)

	Hex(575253)	Hex(FFFFFF)	Hex(888484)	Hex(A39E9E)	Hex(BEB9B9)	Hex(DAD4D5)	Hex(F6F1F1)
Hex(575253)		Ratio: 7.67 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 6.86 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 7.67 Passed ⁶		Ratio: 3.70 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(888484)	Ratio: 2.08 Failed ⁵	Ratio: 3.70 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(A39E9E)	Ratio: 2.90 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(BEB9B9)	Ratio: 3.96 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(DAD4D5)	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 1.46 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(F6F1F1)	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.31 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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