

Converting Colors - WCAG Matrix

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

	Hex(261D1F)	Hex(FFFCFF)	Hex(53494B)	Hex(6B6063)	Hex(85797C)	Hex(9F9395)	Hex(BAAEB0)	Hex(D5C9CB)	Hex(F2E5E8)
Hex(261D1F)		Ratio: 16.13 Passed ⁶	Ratio: 1.90 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 7.64 Passed ⁶	Ratio: 10.21 Passed ⁶	Ratio: 13.42 Passed ⁶
Hex(FFFCFF)	Ratio: 16.13 Passed ⁶		Ratio: 8.51 Passed ⁶	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(53494B)	Ratio: 1.90 Failed ⁵	Ratio: 8.51 Passed ⁶		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 7.08 Passed ⁶
Hex(6B6063)	Ratio: 2.72 Failed ⁵	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴
Hex(85797C)	Ratio: 3.93 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(9F9395)	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 2.91 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(BAAEB0)	Ratio: 7.64 Passed ⁶	Ratio: 2.11 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(D5C9CB)	Ratio: 10.21 Passed ⁶	Ratio: 1.58 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 3.75 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(F2E5E8)	Ratio: 13.42 Passed ⁶	Ratio: 1.20 Failed ⁵	Ratio: 7.08 Passed ⁶	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.76 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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