

Converting Colors - WCAG Matrix

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

	Hex(FCFFFA)	Hex(E0E2DD)	Hex(C4C6C1)	Hex(A8ABA6)	Hex(8E918C)	Hex(747772)	Hex(5C5E5A)	Hex(444743)	Hex(2E302C)	Hex(191B18)
Hex(FCFFFA)		Ratio: 1.29 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 6.50 AA ¹ AAA 18pt ⁴	Ratio: 9.35 Passed ⁶	Ratio: 13.22 Passed ⁶	Ratio: 17.19 Passed ⁶
Hex(E0E2DD)	Ratio: 1.29 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 7.22 Passed ⁶	Ratio: 10.21 Passed ⁶	Ratio: 13.29 Passed ⁶
Hex(C4C6C1)	Ratio: 1.71 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 7.74 Passed ⁶	Ratio: 10.07 Passed ⁶
Hex(A8ABA6)	Ratio: 2.30 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 7.46 Passed ⁶
Hex(8E918C)	Ratio: 3.17 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴
Hex(747772)	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(5C5E5A)	Ratio: 6.50 AA ¹ AAA 18pt ⁴	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(444743)	Ratio: 9.35 Passed ⁶	Ratio: 7.22 Passed ⁶	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 4.06 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(2E302C)	Ratio: 13.22 Passed ⁶	Ratio: 10.21 Passed ⁶	Ratio: 7.74 Passed ⁶	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 4.18 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(191B18)	Ratio: 17.19 Passed ⁶	Ratio: 13.29 Passed ⁶	Ratio: 10.07 Passed ⁶	Ratio: 7.46 Passed ⁶	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.30 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.

This PDF was generated on convertingcolors.com.