

Converting Colors - WCAG Matrix

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

	Hex(F9FCF9)	Hex(DCDFDC)	Hex(C1C3C1)	Hex(A5A8A5)	Hex(8B8E8B)	Hex(727472)	Hex(595C59)	Hex(424442)	Hex(2C2E2C)	Hex(171917)
Hex(F9FCF9)		Ratio: 1.30 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 9.51 Passed ⁶	Ratio: 13.24 Passed ⁶	Ratio: 17.11 Passed ⁶
Hex(DCDFDC)	Ratio: 1.30 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 7.31 Passed ⁶	Ratio: 10.19 Passed ⁶	Ratio: 13.16 Passed ⁶
Hex(C1C3C1)	Ratio: 1.72 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 7.72 Passed ⁶	Ratio: 9.97 Passed ⁶
Hex(A5A8A5)	Ratio: 2.32 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 7.36 Passed ⁶
Hex(8B8E8B)	Ratio: 3.21 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.34 AA ¹ AAA 18pt ⁴
Hex(727472)	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 3.51 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(595C59)	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(424442)	Ratio: 9.51 Passed ⁶	Ratio: 7.31 Passed ⁶	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 4.09 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(2C2E2C)	Ratio: 13.24 Passed ⁶	Ratio: 10.19 Passed ⁶	Ratio: 7.72 Passed ⁶	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 4.13 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(171917)	Ratio: 17.11 Passed ⁶	Ratio: 13.16 Passed ⁶	Ratio: 9.97 Passed ⁶	Ratio: 7.36 Passed ⁶	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 3.75 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.29 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.