

Converting Colors - WCAG Matrix

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

	Hex(424040)	Hex(FFFFFF)	Hex(727070)	Hex(8B8989)	Hex(A6A3A3)	Hex(C1BEBE)	Hex(DDDADA)	Hex(F9F7F7)
Hex(424040)		Ratio: 10.30 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 7.41 Passed ⁶	Ratio: 9.65 Passed ⁶
Hex(FFFFFF)	Ratio: 10.30 Passed ⁶		Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(727070)	Ratio: 2.09 Failed ⁵	Ratio: 4.92 AA ¹ AAA 18pt ⁴		Ratio: 1.41 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(8B8989)	Ratio: 2.96 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.41 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(A6A3A3)	Ratio: 4.11 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(C1BEBE)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 1.85 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(DDDADA)	Ratio: 7.41 Passed ⁶	Ratio: 1.39 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(F9F7F7)	Ratio: 9.65 Passed ⁶	Ratio: 1.07 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 3.26 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.73 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.