

Converting Colors - WCAG Matrix

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

	Hex(F0EEF8)	Hex(D4D2DB)	Hex(B8B6C0)	Hex(9D9BA5)	Hex(83818A)	Hex(6A6871)	Hex(525058)	Hex(3B3941)	Hex(25242B)	Hex(100E17)
Hex(F0EEF8)		Ratio: 1.30 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 9.90 Passed ⁶	Ratio: 13.39 Passed ⁶	Ratio: 16.67 Passed ⁶
Hex(D4D2DB)	Ratio: 1.30 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 7.60 Passed ⁶	Ratio: 10.28 Passed ⁶	Ratio: 12.80 Passed ⁶
Hex(B8B6C0)	Ratio: 1.74 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 7.68 Passed ⁶	Ratio: 9.56 Passed ⁶
Hex(9D9BA5)	Ratio: 2.39 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 6.99 AA ¹ AAA 18pt ⁴
Hex(83818A)	Ratio: 3.34 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(6A6871)	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 3.66 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(525058)	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 3.96 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(3B3941)	Ratio: 9.90 Passed ⁶	Ratio: 7.60 Passed ⁶	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 4.15 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(25242B)	Ratio: 13.39 Passed ⁶	Ratio: 10.28 Passed ⁶	Ratio: 7.68 Passed ⁶	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 4.01 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(100E17)	Ratio: 16.67 Passed ⁶	Ratio: 12.80 Passed ⁶	Ratio: 9.56 Passed ⁶	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 3.49 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.24 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.