

Converting Colors - WCAG Matrix

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

	Hex(F7DEEB)	Hex(DBC2CF)	Hex(BFA6B3)	Hex(A38C99)	Hex(8A737D)	Hex(705966)	Hex(57424D)	Hex(402B38)	Hex(291721)	Hex(17000A)
Hex(F7DEEB)		Ratio: 1.31 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 7.25 Passed ⁶	Ratio: 10.24 Passed ⁶	Ratio: 13.40 Passed ⁶	Ratio: 15.95 Passed ⁶
Hex(DBC2CF)	Ratio: 1.31 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 7.79 Passed ⁶	Ratio: 10.20 Passed ⁶	Ratio: 12.13 Passed ⁶
Hex(BFA6B3)	Ratio: 1.78 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 7.52 Passed ⁶	Ratio: 8.96 Passed ⁶
Hex(A38C99)	Ratio: 2.45 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 6.50 AA ¹ AAA 18pt ⁴
Hex(8A737D)	Ratio: 3.44 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(705966)	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(57424D)	Ratio: 7.25 Passed ⁶	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 4.07 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(402B38)	Ratio: 10.24 Passed ⁶	Ratio: 7.79 Passed ⁶	Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 4.18 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(291721)	Ratio: 13.40 Passed ⁶	Ratio: 10.20 Passed ⁶	Ratio: 7.52 Passed ⁶	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 3.90 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(17000A)	Ratio: 15.95 Passed ⁶	Ratio: 12.13 Passed ⁶	Ratio: 8.96 Passed ⁶	Ratio: 6.50 AA ¹ AAA 18pt ⁴	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 3.18 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.19 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.