

Converting Colors - WCAG Matrix

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

	Hex(F5F1F3)	Hex(D9D5D7)	Hex(BDB9BB)	Hex(A29EA0)	Hex(888486)	Hex(6E6B6D)	Hex(565354)	Hex(3F3C3D)	Hex(292627)	Hex(141113)
Hex(F5F1F3)		Ratio: 1.30 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 9.74 Passed ⁶	Ratio: 13.39 Passed ⁶	Ratio: 16.76 Passed ⁶
Hex(D9D5D7)	Ratio: 1.30 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 7.51 Passed ⁶	Ratio: 10.32 Passed ⁶	Ratio: 12.91 Passed ⁶
Hex(BDB9BB)	Ratio: 1.73 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 7.72 Passed ⁶	Ratio: 9.67 Passed ⁶
Hex(A29EA0)	Ratio: 2.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 7.09 Passed ⁶
Hex(888486)	Ratio: 3.30 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴
Hex(6E6B6D)	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 3.62 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(565354)	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 3.92 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(3F3C3D)	Ratio: 9.74 Passed ⁶	Ratio: 7.51 Passed ⁶	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 4.12 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(292627)	Ratio: 13.39 Passed ⁶	Ratio: 10.32 Passed ⁶	Ratio: 7.72 Passed ⁶	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 4.06 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(141113)	Ratio: 16.76 Passed ⁶	Ratio: 12.91 Passed ⁶	Ratio: 9.67 Passed ⁶	Ratio: 7.09 Passed ⁶	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 3.56 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.25 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.