

Converting Colors - WCAG Matrix

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

	Hex(FFE3E7)	Hex(FFC6CB)	Hex(EBABAF)	Hex(CE9095)	Hex(B2767B)	Hex(965D62)	Hex(7C454A)	Hex(612E34)	Hex(48171F)	Hex(300106)
Hex(FFE3E7)		Ratio: 1.23 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 4.31 AA 18pt ²	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 8.93 Passed ⁶	Ratio: 12.27 Passed ⁶	Ratio: 15.36 Passed ⁶
Hex(FFC6CB)	Ratio: 1.23 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 7.28 Passed ⁶	Ratio: 10.01 Passed ⁶	Ratio: 12.53 Passed ⁶
Hex(EBABAF)	Ratio: 1.58 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 7.74 Passed ⁶	Ratio: 9.69 Passed ⁶
Hex(CE9095)	Ratio: 2.16 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 7.11 Passed ⁶
Hex(B2767B)	Ratio: 3.01 AA 18pt ²	Ratio: 2.46 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: 4.07 AA 18pt ²	Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(965D62)	Ratio: 4.31 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 2.72 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: 3.57 AA 18pt ²
Hex(7C454A)	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 3.91 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(612E34)	Ratio: 8.93 Passed ⁶	Ratio: 7.28 Passed ⁶	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 4.13 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(48171F)	Ratio: 12.27 Passed ⁶	Ratio: 10.01 Passed ⁶	Ratio: 7.74 Passed ⁶	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 4.07 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(300106)	Ratio: 15.36 Passed ⁶	Ratio: 12.53 Passed ⁶	Ratio: 9.69 Passed ⁶	Ratio: 7.11 Passed ⁶	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 3.57 AA 18pt ²	Ratio: 2.48 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.