

Converting Colors - WCAG Matrix

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

	Hex(1E1C1F)	Hex(FFFFFF)	Hex(49474A)	Hex(615E62)	Hex(7A777B)	Hex(949195)	Hex(AEABAF)	Hex(CAC6CB)	Hex(E6E2E7)
Hex(1E1C1F)		Ratio: 16.92 Passed ⁶	Ratio: 1.84 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 7.45 Passed ⁶	Ratio: 10.03 Passed ⁶	Ratio: 13.21 Passed ⁶
Hex(FFFFFF)	Ratio: 16.92 Passed ⁶		Ratio: 9.20 Passed ⁶	Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 4.42 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(49474A)	Ratio: 1.84 Failed ⁵	Ratio: 9.20 Passed ⁶		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 7.18 Passed ⁶
Hex(615E62)	Ratio: 2.65 Failed ⁵	Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(7A777B)	Ratio: 3.83 AA 18pt ²	Ratio: 4.42 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(949195)	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 3.11 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(AEABAF)	Ratio: 7.45 Passed ⁶	Ratio: 2.27 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(CAC6CB)	Ratio: 10.03 Passed ⁶	Ratio: 1.69 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 3.79 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(E6E2E7)	Ratio: 13.21 Passed ⁶	Ratio: 1.28 Failed ⁵	Ratio: 7.18 Passed ⁶	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 3.45 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 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.