

Converting Colors - WCAG Matrix

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

Hex(FFA4BB) Hex(FFE3EA) Hex(E7A4FF) Hex(806F73) Hex(FFFFFF) Hex(808080)

	Hex(FFA4BB)	Hex(FFE3EA)	Hex(E7A4FF)	Hex(806F73)	Hex(FFFFFF)	Hex(808080)
Hex(FFA4BB)		Ratio: 1.55 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(FFE3EA)	Ratio: 1.55 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(E7A4FF)	Ratio: 1.01 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 2.51 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(806F73)	Ratio: 2.54 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.51 Failed ⁵		Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(FFFFFF)	Ratio: 1.86 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 2.12 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.95 AA 18pt ²	

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.

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