

Converting Colors - WCAG Matrix

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

Hex(E67F82) Hex(FF7579) Hex(7FB6E6) Hex(736768) Hex(B30005) Hex(330001)

	Hex(E67F82)	Hex(FF7579)	Hex(7FB6E6)	Hex(736768)	Hex(B30005)	Hex(330001)
Hex(E67F82)		Ratio: 1.05 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 6.77 AA ¹ AAA 18pt ⁴
Hex(FF7579)	Ratio: 1.05 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 7.07 Passed ⁶
Hex(7FB6E6)	Ratio: 1.26 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 8.53 Passed ⁶
Hex(736768)	Ratio: 2.00 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.52 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(B30005)	Ratio: 2.65 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.33 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(330001)	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 7.07 Passed ⁶	Ratio: 8.53 Passed ⁶	Ratio: 3.39 AA 18pt ²	Ratio: 2.56 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.

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