

Converting Colors - WCAG Matrix

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

	Hex(FE5B63)	Hex(FE747B)	Hex(FE8E93)	Hex(FEA7AB)	Hex(FEC1C4)	Hex(FEDADC)	Hex(FEF3F4)	Hex(FEFFFF)
Hex(FE5B63)		Ratio: 1.16 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(FE747B)	Ratio: 1.16 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(FE8E93)	Ratio: 1.38 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(FEA7AB)	Ratio: 1.64 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(FEC1C4)	Ratio: 1.98 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(FEDADC)	Ratio: 2.36 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(FEF3F4)	Ratio: 2.81 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FEFFFF)	Ratio: 3.04 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.08 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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