

Converting Colors - WCAG Matrix

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

	Hex(FE3252)	Hex(FE4B68)	Hex(FE647D)	Hex(FE7E92)	Hex(FE97A8)	Hex(FEB1BD)	Hex(FECAD2)	Hex(FEE3E8)	Hex(FEFDFF)	Hex(FEFFFF)
Hex(FE3252)		Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 3.62 AA 18pt ²
Hex(FE4B68)	Ratio: 1.11 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.26 AA 18pt ²
Hex(FE647D)	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(FE7E92)	Ratio: 1.49 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(FE97A8)	Ratio: 1.76 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(FEB1BD)	Ratio: 2.11 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(FECAD2)	Ratio: 2.52 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(FEE3E8)	Ratio: 3.00 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(FEFDFF)	Ratio: 3.57 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FEFFFF)	Ratio: 3.62 AA 18pt ²	Ratio: 3.26 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.01 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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