

Converting Colors - WCAG Matrix

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

	Hex(FED9E0)	Hex(FEC0CC)	Hex(FA7B7)	Hex(FE8DA3)	Hex(FE748E)	Hex(FE5B79)	Hex(FE4165)	Hex(FE2850)	Hex(FE0E3C)	Hex(FE0030)
Hex(FED9E0)		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.08 AA 18pt ²
Hex(FEC0CC)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(FA7B7)	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(FE8DA3)	Ratio: 1.70 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(FE748E)	Ratio: 2.00 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(FE5B79)	Ratio: 2.32 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(FE4165)	Ratio: 2.63 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(FE2850)	Ratio: 2.88 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(FE0E3C)	Ratio: 3.04 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FE0030)	Ratio: 3.08 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 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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