

Converting Colors - WCAG Matrix

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

	Hex(FF659D)	Hex(FF7EAD)	Hex(FF98BD)	Hex(FFB2CE)	Hex(FFCBDE)	Hex(FFE4EE)	Hex(FFFEFE)	Hex(FFFFFF)
Hex(FF659D)		Ratio: 1.16 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(FF7EAD)	Ratio: 1.16 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(FF98BD)	Ratio: 1.38 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(FFB2CE)	Ratio: 1.65 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(FFCBDE)	Ratio: 1.95 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(FFE4EE)	Ratio: 2.31 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(FFFEFE)	Ratio: 2.74 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 2.76 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 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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