

Converting Colors - WCAG Matrix

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

	Hex(FFB4CB)	Hex(FF9BB9)	Hex(FF81A8)	Hex(FF6896)	Hex(FF4E84)	Hex(FF3573)	Hex(FF1B61)	Hex(FF024F)	Hex(FF004E)
Hex(FFB4CB)		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(FF9BB9)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(FF81A8)	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(FF6896)	Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FF4E84)	Ratio: 1.89 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(FF3573)	Ratio: 2.10 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(FF1B61)	Ratio: 2.27 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FF024F)	Ratio: 2.35 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(FF004E)	Ratio: 2.36 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.00 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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