

Converting Colors - WCAG Matrix

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

Hex(BF7395) Hex(FFFFFF) Hex(F9A8CB) Hex(FFC4E7) Hex(FFE0FF) Hex(FFDFFF)

	Hex(BF7395)	Hex(FFFFFF)	Hex(F9A8CB)	Hex(FFC4E7)	Hex(FFE0FF)	Hex(FFDFFF)
Hex(BF7395)		Ratio: 3.44 AA 18pt²	Ratio: 1.88 Failed⁵	Ratio: 2.34 Failed⁵	Ratio: 2.84 Failed⁵	Ratio: 3.40 AA 18pt²
Hex(FFFFFF)	Ratio: 3.44 AA 18pt²		Ratio: 1.83 Failed⁵	Ratio: 1.47 Failed⁵	Ratio: 1.21 Failed⁵	Ratio: 1.01 Failed⁵
Hex(F9A8CB)	Ratio: 1.88 Failed⁵	Ratio: 1.83 Failed⁵		Ratio: 1.24 Failed⁵	Ratio: 1.51 Failed⁵	Ratio: 1.81 Failed⁵
Hex(FFC4E7)	Ratio: 2.34 Failed⁵	Ratio: 1.47 Failed⁵	Ratio: 1.24 Failed⁵		Ratio: 1.21 Failed⁵	Ratio: 1.45 Failed⁵
Hex(FFE0FF)	Ratio: 2.84 Failed⁵	Ratio: 1.21 Failed⁵	Ratio: 1.51 Failed⁵	Ratio: 1.21 Failed⁵		Ratio: 1.20 Failed⁵
Hex(FFDFFF)	Ratio: 3.40 AA 18pt²	Ratio: 1.01 Failed⁵	Ratio: 1.81 Failed⁵	Ratio: 1.45 Failed⁵	Ratio: 1.20 Failed⁵	

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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