

Converting Colors - WCAG Matrix

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

Hex(DF5198) Hex(FFFFFF) Hex(FF8ACE) Hex(FFA6EB) Hex(FFC3FF) Hex(FFE0FF) Hex(FFFEFF)

	Hex(DF5198)	Hex(FFFFFF)	Hex(FF8ACE)	Hex(FFA6EB)	Hex(FFC3FF)	Hex(FFE0FF)	Hex(FFFEFF)
Hex(DF5198)		Ratio: 3.64 AA 18pt²	Ratio: 1.70 Failed⁵	Ratio: 2.06 Failed⁵	Ratio: 2.51 Failed⁵	Ratio: 3.01 AA 18pt²	Ratio: 3.62 AA 18pt²
Hex(FFFFFF)	Ratio: 3.64 AA 18pt²		Ratio: 2.15 Failed⁵	Ratio: 1.76 Failed⁵	Ratio: 1.45 Failed⁵	Ratio: 1.21 Failed⁵	Ratio: 1.01 Failed⁵
Hex(FF8ACE)	Ratio: 1.70 Failed⁵	Ratio: 2.15 Failed⁵		Ratio: 1.22 Failed⁵	Ratio: 1.48 Failed⁵	Ratio: 1.78 Failed⁵	Ratio: 2.13 Failed⁵
Hex(FFA6EB)	Ratio: 2.06 Failed⁵	Ratio: 1.76 Failed⁵	Ratio: 1.22 Failed⁵		Ratio: 1.22 Failed⁵	Ratio: 1.46 Failed⁵	Ratio: 1.75 Failed⁵
Hex(FFC3FF)	Ratio: 2.51 Failed⁵	Ratio: 1.45 Failed⁵	Ratio: 1.48 Failed⁵	Ratio: 1.22 Failed⁵		Ratio: 1.20 Failed⁵	Ratio: 1.44 Failed⁵
Hex(FFE0FF)	Ratio: 3.01 AA 18pt²	Ratio: 1.21 Failed⁵	Ratio: 1.78 Failed⁵	Ratio: 1.46 Failed⁵	Ratio: 1.20 Failed⁵		Ratio: 1.20 Failed⁵
Hex(FFFEFF)	Ratio: 3.62 AA 18pt²	Ratio: 1.01 Failed⁵	Ratio: 2.13 Failed⁵	Ratio: 1.75 Failed⁵	Ratio: 1.44 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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