

Converting Colors - WCAG Matrix

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

	Hex(661F66)	Hex(FFE4FF)	Hex(9B5199)	Hex(B76BB4)	Hex(D385D0)	Hex(F0A0EC)	Hex(FFBCFF)	Hex(FFD8FF)
Hex(661F66)		Ratio: 9.11 Passed ⁶	Ratio: 2.06 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 7.11 Passed ⁶	Ratio: 8.46 Passed ⁶
Hex(FFE4FF)	Ratio: 9.11 Passed ⁶		Ratio: 4.41 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(9B5199)	Ratio: 2.06 Failed ⁵	Ratio: 4.41 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 4.10 AA 18pt ²
Hex(B76BB4)	Ratio: 2.96 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(D385D0)	Ratio: 4.11 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(F0A0EC)	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 1.63 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(FFBCFF)	Ratio: 7.11 Passed ⁶	Ratio: 1.28 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFD8FF)	Ratio: 8.46 Passed ⁶	Ratio: 1.08 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.19 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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