

Converting Colors - WCAG Matrix

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

Hex(662C66) Hex(FFFFFF) Hex(9B5D99) Hex(B677B4) Hex(D291D0) Hex(EFACEC) Hex(FFC8FF) Hex(FFE4FF)

	Hex(662C66)	Hex(FFFFFF)	Hex(9B5D99)	Hex(B677B4)	Hex(D291D0)	Hex(EFACEC)	Hex(FFC8FF)	Hex(FFE4FF)
Hex(662C66)		Ratio: 9.92 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 7.07 Passed ⁶	Ratio: 8.41 Passed ⁶
Hex(FFFFFF)	Ratio: 9.92 Passed ⁶		Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 3.34 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(9B5D99)	Ratio: 2.09 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 4.03 AA 18pt ²
Hex(B677B4)	Ratio: 2.97 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(D291D0)	Ratio: 4.11 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(EFACEC)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 1.78 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(FFC8FF)	Ratio: 7.07 Passed ⁶	Ratio: 1.40 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFE4FF)	Ratio: 8.41 Passed ⁶	Ratio: 1.18 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.04 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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