

Converting Colors - WCAG Matrix

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

Hex(9286DF) Hex(9585FF) Hex(BE86DF) Hex(666570) Hex(1800B0) Hex(070030)

	Hex(9286DF)	Hex(9585FF)	Hex(BE86DF)	Hex(666570)	Hex(1800B0)	Hex(070030)
Hex(9286DF)		Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 6.37 AA ¹ AAA 18pt ⁴
Hex(9585FF)	Ratio: 1.06 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 6.73 AA ¹ AAA 18pt ⁴
Hex(BE86DF)	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 7.29 Passed ⁶
Hex(666570)	Ratio: 1.83 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(1800B0)	Ratio: 4.02 AA 18pt ²	Ratio: 4.25 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 2.20 Failed ⁵		Ratio: 1.58 Failed ⁵
Hex(070030)	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 7.29 Passed ⁶	Ratio: 3.48 AA 18pt ²	Ratio: 1.58 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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