

Converting Colors - WCAG Matrix

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

Hex(D8C0EE) Hex(E3C4FF) Hex(EEC0ED) Hex(726C78) Hex(6000B8) Hex(1D0038)

	Hex(D8C0EE)	Hex(E3C4FF)	Hex(EEC0ED)	Hex(726C78)	Hex(6000B8)	Hex(1D0038)
Hex(D8C0EE)		Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 11.44 Passed ⁶
Hex(E3C4FF)	Ratio: 1.07 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 12.26 Passed ⁶
Hex(EEC0ED)	Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 3.24 AA 18pt ²	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 12.08 Passed ⁶
Hex(726C78)	Ratio: 3.07 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 3.24 AA 18pt ²		Ratio: 1.89 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(6000B8)	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 1.89 Failed ⁵		Ratio: 1.97 Failed ⁵
Hex(1D0038)	Ratio: 11.44 Passed ⁶	Ratio: 12.26 Passed ⁶	Ratio: 12.08 Passed ⁶	Ratio: 3.72 AA 18pt ²	Ratio: 1.97 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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