

Converting Colors - WCAG Matrix

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

Hex(CDA8E1) Hex(E4B3FF) Hex(E1A8D8) Hex(6C6570) Hex(7200B0) Hex(1F0030)

	Hex(CDA8E1)	Hex(E4B3FF)	Hex(E1A8D8)	Hex(6C6570)	Hex(7200B0)	Hex(1F0030)
Hex(CDA8E1)		Ratio: 1.19 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 9.34 Passed ⁶
Hex(E4B3FF)	Ratio: 1.19 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 11.07 Passed ⁶
Hex(E1A8D8)	Ratio: 1.05 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.89 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 9.80 Passed ⁶
Hex(6C6570)	Ratio: 2.75 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 2.89 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(7200B0)	Ratio: 4.39 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 1.59 Failed ⁵		Ratio: 2.13 Failed ⁵
Hex(1F0030)	Ratio: 9.34 Passed ⁶	Ratio: 11.07 Passed ⁶	Ratio: 9.80 Passed ⁶	Ratio: 3.39 AA 18pt ²	Ratio: 2.13 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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