

Converting Colors - WCAG Matrix

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

Hex(D9CCE3) Hex(F1E0FF) Hex(E3CCE2) Hex(6B6570) Hex(6100B0) Hex(1B0030)

	Hex(D9CCE3)	Hex(F1E0FF)	Hex(E3CCE2)	Hex(6B6570)	Hex(6100B0)	Hex(1B0030)
Hex(D9CCE3)		Ratio: 1.23 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 6.41 AA ¹ AAA 18pt ⁴	Ratio: 12.57 Passed ⁶
Hex(F1E0FF)	Ratio: 1.23 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 7.89 Passed ⁶	Ratio: 15.47 Passed ⁶
Hex(E3CCE2)	Ratio: 1.02 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.76 AA 18pt ²	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 12.85 Passed ⁶
Hex(6B6570)	Ratio: 3.68 AA 18pt ²	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 3.76 AA 18pt ²		Ratio: 1.74 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(6100B0)	Ratio: 6.41 AA ¹ AAA 18pt ⁴	Ratio: 7.89 Passed ⁶	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 1.74 Failed ⁵		Ratio: 1.96 Failed ⁵
Hex(1B0030)	Ratio: 12.57 Passed ⁶	Ratio: 15.47 Passed ⁶	Ratio: 12.85 Passed ⁶	Ratio: 3.42 AA 18pt ²	Ratio: 1.96 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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