

Converting Colors - WCAG Matrix

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

Hex(CECED5) Hex(F5F5FF) Hex(D2CED5) Hex(66666B) Hex(0000AB) Hex(00002B)

Hex(CECED5)		Ratio: 1.45 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 8.45 Passed ⁶	Ratio: 12.96 Passed ⁶
Hex(F5F5FF)	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 12.21 Passed ⁶	Ratio: 18.74 Passed ⁶
Hex(D2CED5)	Ratio: 1.01 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 3.68 AA 18pt ²	Ratio: 8.52 Passed ⁶	Ratio: 13.07 Passed ⁶
Hex(66666B)	Ratio: 3.65 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 3.68 AA 18pt ²		Ratio: 2.32 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(0000AB)	Ratio: 8.45 Passed ⁶	Ratio: 12.21 Passed ⁶	Ratio: 8.52 Passed ⁶	Ratio: 2.32 Failed ⁵		Ratio: 1.53 Failed ⁵
Hex(00002B)	Ratio: 12.96 Passed ⁶	Ratio: 18.74 Passed ⁶	Ratio: 13.07 Passed ⁶	Ratio: 3.55 AA 18pt ²	Ratio: 1.53 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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