

Converting Colors - WCAG Matrix

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

Hex(3E5485) Hex(EDFDFE) Hex(7285BA) Hex(8D9FD6) Hex(A9BAF2) Hex(C5D6FF) Hex(E1F2FF)

	Hex(3E5485)	Hex(EDFDFE)	Hex(7285BA)	Hex(8D9FD6)	Hex(A9BAF2)	Hex(C5D6FF)	Hex(E1F2FF)
Hex(3E5485)		Ratio: 7.15 Passed ⁶	Ratio: 2.06 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 6.53 AA ¹ AAA 18pt ⁴
Hex(EDFDFE)	Ratio: 7.15 Passed ⁶		Ratio: 3.48 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(7285BA)	Ratio: 2.06 Failed ⁵	Ratio: 3.48 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(8D9FD6)	Ratio: 2.87 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(A9BAF2)	Ratio: 3.91 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(C5D6FF)	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(E1F2FF)	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.27 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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