

Converting Colors - WCAG Matrix

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

Hex(757AFD) Hex(8E92FD) Hex(A8ABFD) Hex(C1C3FD) Hex(DADBFD) Hex(F3F4FD) Hex(FFFFFFD)

	Hex(757AFD)	Hex(8E92FD)	Hex(A8ABFD)	Hex(C1C3FD)	Hex(DADBFD)	Hex(F3F4FD)	Hex(FFFFFFD)
Hex(757AFD)		Ratio: 1.29 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.52 AA 18pt ²
Hex(8E92FD)	Ratio: 1.29 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(A8ABFD)	Ratio: 1.66 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(C1C3FD)	Ratio: 2.10 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(DADBFD)	Ratio: 2.61 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(F3F4FD)	Ratio: 3.22 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(FFFFFFD)	Ratio: 3.52 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.09 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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