

Converting Colors - WCAG Matrix

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

	Hex(7754FF)	Hex(8B6DFF)	Hex(A087FF)	Hex(B4A1FF)	Hex(C8BAFF)	Hex(DCD3FF)	Hex(F1EDFF)	Hex(FFFFFF)
Hex(7754FF)		Ratio: 1.27 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(8B6DFF)	Ratio: 1.27 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.67 AA 18pt ²
Hex(A087FF)	Ratio: 1.65 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(B4A1FF)	Ratio: 2.11 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(C8BAFF)	Ratio: 2.65 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(DCD3FF)	Ratio: 3.29 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(F1EDFF)	Ratio: 4.07 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(FFFFFF)	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.15 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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