

Converting Colors - WCAG Matrix

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

	Hex(D1BCFF)	Hex(BFA3FF)	Hex(AE89FF)	Hex(9C70FF)	Hex(8B56FF)	Hex(793DFF)	Hex(6823FF)	Hex(560AFF)	Hex(5000FF)
Hex(D1BCFF)		Ratio: 1.25 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 3.77 AA 18pt ²	Ratio: 4.28 AA 18pt ²	Ratio: 4.43 AA 18pt ²
Hex(BFA3FF)	Ratio: 1.25 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 3.55 AA 18pt ²
Hex(AE89FF)	Ratio: 1.58 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(9C70FF)	Ratio: 2.00 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8B56FF)	Ratio: 2.53 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(793DFF)	Ratio: 3.15 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(6823FF)	Ratio: 3.77 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(560AFF)	Ratio: 4.28 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(5000FF)	Ratio: 4.43 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.04 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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