

Converting Colors - WCAG Matrix

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

	Hex(BF8FF3)	Hex(B277F3)	Hex(A65EF3)	Hex(9946F3)	Hex(8C2EF3)	Hex(8016F3)	Hex(7500F3)
Hex(BF8FF3)		Ratio: 1.24 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(B277F3)	Ratio: 1.24 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(A65EF3)	Ratio: 1.53 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(9946F3)	Ratio: 1.86 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(8C2EF3)	Ratio: 2.22 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(8016F3)	Ratio: 2.54 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(7500F3)	Ratio: 2.77 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.25 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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