

Converting Colors - WCAG Matrix

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

Hex(BF25BF) Hex(FFFFFF) Hex(FB67F8) Hex(FF84FF) Hex(FFA1FF) Hex(FFBEFF) Hex(FFDCFF) Hex(FFFAFF)

	Hex(BF25BF)	Hex(FFFFFF)	Hex(FB67F8)	Hex(FF84FF)	Hex(FFA1FF)	Hex(FFBEFF)	Hex(FFDCFF)	Hex(FFFAFF)
Hex(BF25BF)		Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 4.96 AA ¹ AAA 18pt ⁴		Ratio: 2.50 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FB67F8)	Ratio: 1.98 Failed ⁵	Ratio: 2.50 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(FF84FF)	Ratio: 2.36 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(FFA1FF)	Ratio: 2.79 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(FFBEFF)	Ratio: 3.32 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(FFDCFF)	Ratio: 4.00 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFFAFF)	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 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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