

Converting Colors - WCAG Matrix

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

Hex(BB92FF) Hex(EADEFF) Hex(92D7FF) Hex(736B80) Hex(000000) Hex(808080)

	Hex(BB92FF)	Hex(EADEFF)	Hex(92D7FF)	Hex(736B80)	Hex(000000)	Hex(808080)
Hex(BB92FF)		Ratio: 1.89 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 8.67 Passed ⁶	Ratio: 1.63 Failed ⁵
Hex(EADEFF)	Ratio: 1.89 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 16.39 Passed ⁶	Ratio: 3.08 AA 18pt ²
Hex(92D7FF)	Ratio: 1.54 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 3.23 AA 18pt ²	Ratio: 13.39 Passed ⁶	Ratio: 2.52 Failed ⁵
Hex(736B80)	Ratio: 2.09 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 3.23 AA 18pt ²		Ratio: 4.14 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(000000)	Ratio: 8.67 Passed ⁶	Ratio: 16.39 Passed ⁶	Ratio: 13.39 Passed ⁶	Ratio: 4.14 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.63 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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