

Converting Colors - WCAG Matrix

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

	Hex(A8B7F2)	Hex(90A4F2)	Hex(7890F2)	Hex(5F7DF2)	Hex(476AF2)	Hex(2F57F2)	Hex(1743F2)	Hex(0031F2)
Hex(A8B7F2)		Ratio: 1.22 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 3.94 AA 18pt ²
Hex(90A4F2)	Ratio: 1.22 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(7890F2)	Ratio: 1.52 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(5F7DF2)	Ratio: 1.88 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(476AF2)	Ratio: 2.32 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(2F57F2)	Ratio: 2.85 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(1743F2)	Ratio: 3.43 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(0031F2)	Ratio: 3.94 AA 18pt ²	Ratio: 3.23 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.38 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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