

Converting Colors - WCAG Matrix

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

	Hex(ADB6ED)	Hex(95A2ED)	Hex(7E8DED)	Hex(6679ED)	Hex(4E65ED)	Hex(3750ED)	Hex(1F3CED)	Hex(0727ED)	Hex(0021ED)
Hex(ADB6ED)		Ratio: 1.23 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.65 AA 18pt ²	Ratio: 4.24 AA 18pt ²	Ratio: 4.38 AA 18pt ²
Hex(95A2ED)	Ratio: 1.23 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 3.55 AA 18pt ²
Hex(7E8DED)	Ratio: 1.54 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(6679ED)	Ratio: 1.94 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(4E65ED)	Ratio: 2.43 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(3750ED)	Ratio: 3.03 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(1F3CED)	Ratio: 3.65 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(0727ED)	Ratio: 4.24 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(0021ED)	Ratio: 4.38 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.03 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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