

Converting Colors - WCAG Matrix

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

Hex(A58FD9) Hex(9679D9) Hex(8764D9) Hex(774ED9) Hex(6838D9) Hex(5923D9) Hex(4A0DD9) Hex(4100D9)

	Hex(A58FD9)	Hex(9679D9)	Hex(8764D9)	Hex(774ED9)	Hex(6838D9)	Hex(5923D9)	Hex(4A0DD9)	Hex(4100D9)
Hex(A58FD9)		Ratio: 1.25 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 3.38 AA 18pt ²
Hex(9679D9)	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(8764D9)	Ratio: 1.55 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(774ED9)	Ratio: 1.94 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(6838D9)	Ratio: 2.39 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(5923D9)	Ratio: 2.82 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(4A0DD9)	Ratio: 3.20 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(4100D9)	Ratio: 3.38 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.06 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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