

Converting Colors - WCAG Matrix

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

Hex(D8D9F3) Hex(DEDEFF) Hex(E5D8F3) Hex(6E6E7A) Hex(0003BA) Hex(00013B)

	Hex(D8D9F3)	Hex(DEDEFF)	Hex(E5D8F3)	Hex(6E6E7A)	Hex(0003BA)	Hex(00013B)
Hex(D8D9F3)		Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 8.79 Passed ⁶	Ratio: 14.18 Passed ⁶
Hex(DEDEFF)	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 9.29 Passed ⁶	Ratio: 14.99 Passed ⁶
Hex(E5D8F3)	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 3.70 AA 18pt ²	Ratio: 8.97 Passed ⁶	Ratio: 14.47 Passed ⁶
Hex(6E6E7A)	Ratio: 3.63 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 3.70 AA 18pt ²		Ratio: 2.42 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(0003BA)	Ratio: 8.79 Passed ⁶	Ratio: 9.29 Passed ⁶	Ratio: 8.97 Passed ⁶	Ratio: 2.42 Failed ⁵		Ratio: 1.61 Failed ⁵
Hex(00013B)	Ratio: 14.18 Passed ⁶	Ratio: 14.99 Passed ⁶	Ratio: 14.47 Passed ⁶	Ratio: 3.91 AA 18pt ²	Ratio: 1.61 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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