

Converting Colors - WCAG Matrix

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

Hex(E1E1FF) Hex(DBDBFF) Hex(F0E1FF) Hex(737380) Hex(0000BF) Hex(000040)

	Hex(E1E1FF)	Hex(DBDBFF)	Hex(F0E1FF)	Hex(737380)	Hex(0000BF)	Hex(000040)
Hex(E1E1FF)		Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 9.37 Passed ⁶	Ratio: 15.28 Passed ⁶
Hex(DBDBFF)	Ratio: 1.05 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 8.90 Passed ⁶	Ratio: 14.51 Passed ⁶
Hex(F0E1FF)	Ratio: 1.03 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 3.77 AA 18pt ²	Ratio: 9.65 Passed ⁶	Ratio: 15.75 Passed ⁶
Hex(737380)	Ratio: 3.65 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 3.77 AA 18pt ²		Ratio: 2.56 Failed ⁵	Ratio: 4.18 AA 18pt ²
Hex(0000BF)	Ratio: 9.37 Passed ⁶	Ratio: 8.90 Passed ⁶	Ratio: 9.65 Passed ⁶	Ratio: 2.56 Failed ⁵		Ratio: 1.63 Failed ⁵
Hex(000040)	Ratio: 15.28 Passed ⁶	Ratio: 14.51 Passed ⁶	Ratio: 15.75 Passed ⁶	Ratio: 4.18 AA 18pt ²	Ratio: 1.63 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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