

Converting Colors - WCAG Matrix

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

Hex(E0E0FF) Hex(D9D9FF) Hex(F0E0FF) Hex(737380) Hex(0000BF) Hex(000040)

	Hex(E0E0FF)	Hex(D9D9FF)	Hex(F0E0FF)	Hex(737380)	Hex(0000BF)	Hex(000040)
Hex(E0E0FF)		Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 9.29 Passed ⁶	Ratio: 15.15 Passed ⁶
Hex(D9D9FF)	Ratio: 1.06 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 8.74 Passed ⁶	Ratio: 14.26 Passed ⁶
Hex(F0E0FF)	Ratio: 1.03 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 3.74 AA 18pt ²	Ratio: 9.59 Passed ⁶	Ratio: 15.65 Passed ⁶
Hex(737380)	Ratio: 3.62 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 3.74 AA 18pt ²		Ratio: 2.56 Failed ⁵	Ratio: 4.18 AA 18pt ²
Hex(0000BF)	Ratio: 9.29 Passed ⁶	Ratio: 8.74 Passed ⁶	Ratio: 9.59 Passed ⁶	Ratio: 2.56 Failed ⁵		Ratio: 1.63 Failed ⁵
Hex(000040)	Ratio: 15.15 Passed ⁶	Ratio: 14.26 Passed ⁶	Ratio: 15.65 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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