

Converting Colors - WCAG Matrix

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

Hex(E4E2FF) Hex(DEDBFF) Hex(F2E2FF) Hex(747380) Hex(0D00BF) Hex(040040)

	Hex(E4E2FF)	Hex(DEDBFF)	Hex(F2E2FF)	Hex(747380)	Hex(0D00BF)	Hex(040040)
Hex(E4E2FF)		Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 9.39 Passed ⁶	Ratio: 15.40 Passed ⁶
Hex(DEDBFF)	Ratio: 1.06 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 8.86 Passed ⁶	Ratio: 14.53 Passed ⁶
Hex(F2E2FF)	Ratio: 1.03 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 3.79 AA 18pt ²	Ratio: 9.66 Passed ⁶	Ratio: 15.84 Passed ⁶
Hex(747380)	Ratio: 3.69 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 3.79 AA 18pt ²		Ratio: 2.55 Failed ⁵	Ratio: 4.18 AA 18pt ²
Hex(0D00BF)	Ratio: 9.39 Passed ⁶	Ratio: 8.86 Passed ⁶	Ratio: 9.66 Passed ⁶	Ratio: 2.55 Failed ⁵		Ratio: 1.64 Failed ⁵
Hex(040040)	Ratio: 15.40 Passed ⁶	Ratio: 14.53 Passed ⁶	Ratio: 15.84 Passed ⁶	Ratio: 4.18 AA 18pt ²	Ratio: 1.64 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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