

Converting Colors - WCAG Matrix

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

Hex(E4E1ED) Hex(F4F0FF) Hex(EAE1ED) Hex(6F6D75) Hex(3000B5) Hex(0E0036)

Hex(E4E1ED)		Ratio: 1.15 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 9.09 Passed ⁶	Ratio: 15.20 Passed ⁶
Hex(F4F0FF)	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 10.46 Passed ⁶	Ratio: 17.49 Passed ⁶
Hex(EAE1ED)	Ratio: 1.01 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 4.00 AA 18pt ²	Ratio: 9.20 Passed ⁶	Ratio: 15.38 Passed ⁶
Hex(6F6D75)	Ratio: 3.95 AA 18pt ²	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 4.00 AA 18pt ²		Ratio: 2.30 Failed ⁵	Ratio: 3.84 AA 18pt ²
Hex(3000B5)	Ratio: 9.09 Passed ⁶	Ratio: 10.46 Passed ⁶	Ratio: 9.20 Passed ⁶	Ratio: 2.30 Failed ⁵		Ratio: 1.67 Failed ⁵
Hex(0E0036)	Ratio: 15.20 Passed ⁶	Ratio: 17.49 Passed ⁶	Ratio: 15.38 Passed ⁶	Ratio: 3.84 AA 18pt ²	Ratio: 1.67 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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