

Converting Colors - WCAG Matrix

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

Hex(E4E4E7) Hex(FAFAFF) Hex(E5E4E7) Hex(707073) Hex(0000B3) Hex(000033)

	Hex(E4E4E7)	Hex(FAFAFF)	Hex(E5E4E7)	Hex(707073)	Hex(0000B3)	Hex(000033)
Hex(E4E4E7)		Ratio: 1.22 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 10.02 Passed ⁶	Ratio: 15.79 Passed ⁶
Hex(FAFAFF)	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 12.22 Passed ⁶	Ratio: 19.26 Passed ⁶
Hex(E5E4E7)	Ratio: 1.00 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 3.90 AA 18pt ²	Ratio: 10.04 Passed ⁶	Ratio: 15.83 Passed ⁶
Hex(707073)	Ratio: 3.89 AA 18pt ²	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 3.90 AA 18pt ²		Ratio: 2.58 Failed ⁵	Ratio: 4.06 AA 18pt ²
Hex(0000B3)	Ratio: 10.02 Passed ⁶	Ratio: 12.22 Passed ⁶	Ratio: 10.04 Passed ⁶	Ratio: 2.58 Failed ⁵		Ratio: 1.58 Failed ⁵
Hex(000033)	Ratio: 15.79 Passed ⁶	Ratio: 19.26 Passed ⁶	Ratio: 15.83 Passed ⁶	Ratio: 4.06 AA 18pt ²	Ratio: 1.58 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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