

Converting Colors - WCAG Matrix

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

Hex(DAE1F6) Hex(DBE4FF) Hex(E1DAF6) Hex(6E717A) Hex(002FBA) Hex(000F3B)

	Hex(DAE1F6)	Hex(DBE4FF)	Hex(E1DAF6)	Hex(6E717A)	Hex(002FBA)	Hex(000F3B)
Hex(DAE1F6)		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 7.60 Passed ⁶	Ratio: 14.21 Passed ⁶
Hex(DBE4FF)	Ratio: 1.03 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 7.82 Passed ⁶	Ratio: 14.63 Passed ⁶
Hex(E1DAF6)	Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.61 AA 18pt ²	Ratio: 7.36 Passed ⁶	Ratio: 13.75 Passed ⁶
Hex(6E717A)	Ratio: 3.73 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 3.61 AA 18pt ²		Ratio: 2.04 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(002FBA)	Ratio: 7.60 Passed ⁶	Ratio: 7.82 Passed ⁶	Ratio: 7.36 Passed ⁶	Ratio: 2.04 Failed ⁵		Ratio: 1.87 Failed ⁵
Hex(000F3B)	Ratio: 14.21 Passed ⁶	Ratio: 14.63 Passed ⁶	Ratio: 13.75 Passed ⁶	Ratio: 3.81 AA 18pt ²	Ratio: 1.87 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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