

Converting Colors - WCAG Matrix

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

Hex(D8DAF0) Hex(E0E3FF) Hex(E1D8F0) Hex(6C6D78) Hex(0012B8) Hex(000638)

	Hex(D8DAF0)	Hex(E0E3FF)	Hex(E1D8F0)	Hex(6C6D78)	Hex(0012B8)	Hex(000638)
Hex(D8DAF0)		Ratio: 1.09 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 8.55 Passed ⁶	Ratio: 14.04 Passed ⁶
Hex(E0E3FF)	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 9.33 Passed ⁶	Ratio: 15.33 Passed ⁶
Hex(E1D8F0)	Ratio: 1.00 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 3.73 AA 18pt ²	Ratio: 8.59 Passed ⁶	Ratio: 14.11 Passed ⁶
Hex(6C6D78)	Ratio: 3.71 AA 18pt ²	Ratio: 4.05 AA 18pt ²	Ratio: 3.73 AA 18pt ²		Ratio: 2.30 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(0012B8)	Ratio: 8.55 Passed ⁶	Ratio: 9.33 Passed ⁶	Ratio: 8.59 Passed ⁶	Ratio: 2.30 Failed ⁵		Ratio: 1.64 Failed ⁵
Hex(000638)	Ratio: 14.04 Passed ⁶	Ratio: 15.33 Passed ⁶	Ratio: 14.11 Passed ⁶	Ratio: 3.78 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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