

Converting Colors - WCAG Matrix

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

Hex(D4D3F6) Hex(D5D4FF) Hex(E5D3F6) Hex(6F6E7A) Hex(0500BA) Hex(02003B)

Hex(D4D3F6)		Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 8.42 Passed ⁶	Ratio: 13.56 Passed ⁶
Hex(D5D4FF)	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 8.56 Passed ⁶	Ratio: 13.78 Passed ⁶
Hex(E5D3F6)	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 3.58 AA 18pt ²	Ratio: 8.73 Passed ⁶	Ratio: 14.06 Passed ⁶
Hex(6F6E7A)	Ratio: 3.45 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 3.58 AA 18pt ²		Ratio: 2.44 Failed ⁵	Ratio: 3.93 AA 18pt ²
Hex(0500BA)	Ratio: 8.42 Passed ⁶	Ratio: 8.56 Passed ⁶	Ratio: 8.73 Passed ⁶	Ratio: 2.44 Failed ⁵		Ratio: 1.61 Failed ⁵
Hex(02003B)	Ratio: 13.56 Passed ⁶	Ratio: 13.78 Passed ⁶	Ratio: 14.06 Passed ⁶	Ratio: 3.93 AA 18pt ²	Ratio: 1.61 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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