

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(D4E2F7) Hex(D4E5FF) Hex(D8D4F7) Hex(6E737A) Hex(0049BA) Hex(00173B)

Hex(D4E2F7)		Ratio: 1.03 Failed⁵	Ratio: 1.09 Failed⁵	Ratio: 3.64 AA 18pt²	Ratio: 6.02 AA¹ AAA 18pt⁴	Ratio: 13.51 Passed⁶
Hex(D4E5FF)	Ratio: 1.03 Failed⁵		Ratio: 1.12 Failed⁵	Ratio: 3.74 AA 18pt²	Ratio: 6.18 AA¹ AAA 18pt⁴	Ratio: 13.87 Passed⁶
Hex(D8D4F7)	Ratio: 1.09 Failed⁵	Ratio: 1.12 Failed⁵		Ratio: 3.34 AA 18pt²	Ratio: 5.51 AA¹ AAA 18pt⁴	Ratio: 12.38 Passed⁶
Hex(6E737A)	Ratio: 3.64 AA 18pt²	Ratio: 3.74 AA 18pt²	Ratio: 3.34 AA 18pt²		Ratio: 1.65 Failed⁵	Ratio: 3.71 AA 18pt²
Hex(0049BA)	Ratio: 6.02 AA¹ AAA 18pt⁴	Ratio: 6.18 AA¹ AAA 18pt⁴	Ratio: 5.51 AA¹ AAA 18pt⁴	Ratio: 1.65 Failed⁵		Ratio: 2.24 Failed⁵
Hex(00173B)	Ratio: 13.51 Passed⁶	Ratio: 13.87 Passed⁶	Ratio: 12.38 Passed⁶	Ratio: 3.71 AA 18pt²	Ratio: 2.24 Failed⁵	

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.

This PDF was generated on convertingcolors.com.