

Converting Colors - WCAG Matrix

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

Hex(ABD5DF) Hex(B8F2FF) Hex(ABBCDF) Hex(656E70) Hex(008FB0) Hex(002730)

	Hex(ABD5DF)	Hex(B8F2FF)	Hex(ABBCDF)	Hex(656E70)	Hex(008FB0)	Hex(002730)
Hex(ABD5DF)		Ratio: 1.29 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 9.99 Passed ⁶
Hex(B8F2FF)	Ratio: 1.29 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 4.28 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 12.89 Passed ⁶
Hex(ABBCDF)	Ratio: 1.21 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 2.74 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 8.25 Passed ⁶
Hex(656E70)	Ratio: 3.31 AA 18pt ²	Ratio: 4.28 AA 18pt ²	Ratio: 2.74 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(008FB0)	Ratio: 2.40 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 4.17 AA 18pt ²
Hex(002730)	Ratio: 9.99 Passed ⁶	Ratio: 12.89 Passed ⁶	Ratio: 8.25 Passed ⁶	Ratio: 3.01 AA 18pt ²	Ratio: 4.17 AA 18pt ²	

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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