

Converting Colors - WCAG Matrix

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

Hex(84D8F2) Hex(75DEFF) Hex(84A2F2) Hex(6E787A) Hex(008EBA) Hex(002D3B)

	Hex(84D8F2)	Hex(75DEFF)	Hex(84A2F2)	Hex(6E787A)	Hex(008EBA)	Hex(002D3B)
Hex(84D8F2)		Ratio: 1.04 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 9.10 Passed ⁶
Hex(75DEFF)	Ratio: 1.04 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 9.49 Passed ⁶
Hex(84A2F2)	Ratio: 1.55 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 5.86 AA ¹ AAA 18pt ⁴
Hex(6E787A)	Ratio: 2.83 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(008EBA)	Ratio: 2.35 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.88 AA 18pt ²
Hex(002D3B)	Ratio: 9.10 Passed ⁶	Ratio: 9.49 Passed ⁶	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 3.22 AA 18pt ²	Ratio: 3.88 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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