

Converting Colors - WCAG Matrix

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

Hex(3DB2D8) Hex(24C9FF) Hex(3D66D8) Hex(60686B) Hex(0081AB) Hex(00212B)

	Hex(3DB2D8)	Hex(24C9FF)	Hex(3D66D8)	Hex(60686B)	Hex(0081AB)	Hex(00212B)
Hex(3DB2D8)		Ratio: 1.27 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 6.83 AA ¹ AAA 18pt ⁴
Hex(24C9FF)	Ratio: 1.27 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 8.68 Passed ⁶
Hex(3D66D8)	Ratio: 2.09 Failed ⁵	Ratio: 2.66 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(60686B)	Ratio: 2.32 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(0081AB)	Ratio: 1.81 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.78 AA 18pt ²
Hex(00212B)	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 8.68 Passed ⁶	Ratio: 3.27 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 3.78 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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