

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(2DCDD6) Hex(0DF2FF) Hex(2D79D6) Hex(606B6B) Hex(00A2AB) Hex(00292B)

Hex(2DCDD6)		Ratio: 1.40 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 8.00 Passed ⁶
Hex(0DF2FF)	Ratio: 1.40 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 11.21 Passed ⁶
Hex(2D79D6)	Ratio: 2.24 Failed ⁵	Ratio: 3.15 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(606B6B)	Ratio: 2.84 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(00A2AB)	Ratio: 1.60 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(00292B)	Ratio: 8.00 Passed ⁶	Ratio: 11.21 Passed ⁶	Ratio: 3.56 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴	

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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