

Converting Colors - WCAG Matrix

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

Hex(7B79B0) Hex(D2D1E6) Hex(79AFB0) Hex(676673) Hex(F2F2F2) Hex(737373)

	Hex(7B79B0)	Hex(D2D1E6)	Hex(79AFB0)	Hex(676673)	Hex(F2F2F2)	Hex(737373)
Hex(7B79B0)		Ratio: 2.69 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.18 Failed ⁵
Hex(D2D1E6)	Ratio: 2.69 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(79AFB0)	Ratio: 1.65 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(676673)	Ratio: 1.40 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 2.30 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(F2F2F2)	Ratio: 3.60 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.18 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 4.24 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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