

Converting Colors - WCAG Matrix

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

Hex(2475A8) Hex(A7C7DB) Hex(24A857) Hex(4E616E) Hex(EDEDED) Hex(6E6E6E)

	Hex(2475A8)	Hex(A7C7DB)	Hex(24A857)	Hex(4E616E)	Hex(EDEDED)	Hex(6E6E6E)
Hex(2475A8)		Ratio: 2.83 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 1.02 Failed ⁵
Hex(A7C7DB)	Ratio: 2.83 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(24A857)	Ratio: 1.63 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(4E616E)	Ratio: 1.28 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.09 Failed ⁵		Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(EDEDED)	Ratio: 4.29 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 5.50 AA ¹ AAA 18pt ⁴		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 1.02 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.36 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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