

Converting Colors - WCAG Matrix

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

Hex(549DAE) Hex(BFDCE3) Hex(54AE64) Hex(5D6F73) Hex(F2F2F2) Hex(737373)

	Hex(549DAE)	Hex(BFDCE3)	Hex(54AE64)	Hex(5D6F73)	Hex(F2F2F2)	Hex(737373)
Hex(549DAE)		Ratio: 2.14 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(BFDCE3)	Ratio: 2.14 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(54AE64)	Ratio: 1.12 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(5D6F73)	Ratio: 1.71 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.91 Failed ⁵		Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(F2F2F2)	Ratio: 2.75 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.54 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.72 Failed ⁵	Ratio: 1.11 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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