

Converting Colors - WCAG Matrix

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

Hex(00687B) Hex(7099A1) Hex(007B12) Hex(344D52) Hex(D1D1D1) Hex(525252)

	Hex(00687B)	Hex(7099A1)	Hex(007B12)	Hex(344D52)	Hex(D1D1D1)	Hex(525252)
Hex(00687B)		Ratio: 2.07 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(7099A1)	Ratio: 2.07 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(007B12)	Ratio: 1.18 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 1.43 Failed ⁵
Hex(344D52)	Ratio: 1.40 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(D1D1D1)	Ratio: 4.21 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 5.90 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.22 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 5.12 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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