

Converting Colors - WCAG Matrix

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

Hex(1D717D) Hex(7E9FA3) Hex(1D7D28) Hex(3B4F52) Hex(D1D1D1) Hex(525252)

	Hex(1D717D)	Hex(7E9FA3)	Hex(1D7D28)	Hex(3B4F52)	Hex(D1D1D1)	Hex(525252)
Hex(1D717D)		Ratio: 1.99 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(7E9FA3)	Ratio: 1.99 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(1D7D28)	Ratio: 1.08 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.49 Failed ⁵
Hex(3B4F52)	Ratio: 1.53 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.66 Failed ⁵		Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(D1D1D1)	Ratio: 3.71 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 5.67 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.38 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.11 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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