

Converting Colors - WCAG Matrix

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

Hex(537C7C) Hex(91A1A1) Hex(537C53) Hex(485252) Hex(D1D1D1) Hex(525252)

	Hex(537C7C)	Hex(91A1A1)	Hex(537C53)	Hex(485252)	Hex(D1D1D1)	Hex(525252)
Hex(537C7C)		Ratio: 1.72 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.69 Failed ⁵
Hex(91A1A1)	Ratio: 1.72 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(537C53)	Ratio: 1.04 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.63 Failed ⁵
Hex(485252)	Ratio: 1.74 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.68 Failed ⁵		Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(D1D1D1)	Ratio: 3.03 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.69 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.03 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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