

Converting Colors - WCAG Matrix

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

Hex(787986) Hex(A8A9AD) Hex(788685) Hex(535357) Hex(D6D6D6) Hex(575757)

	Hex(787986)	Hex(A8A9AD)	Hex(788685)	Hex(535357)	Hex(D6D6D6)	Hex(575757)
Hex(787986)		Ratio: 1.83 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(A8A9AD)	Ratio: 1.83 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 1.62 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(788685)	Ratio: 1.14 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(535357)	Ratio: 1.78 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 2.02 Failed ⁵		Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(D6D6D6)	Ratio: 2.96 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(575757)	Ratio: 1.68 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.97 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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