

Converting Colors - WCAG Matrix

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

Hex(6E7482) Hex(A2A5AB) Hex(6E827C) Hex(515357) Hex(D6D6D6) Hex(575757)

	Hex(6E7482)	Hex(A2A5AB)	Hex(6E827C)	Hex(515357)	Hex(D6D6D6)	Hex(575757)
Hex(6E7482)		Ratio: 1.90 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.54 Failed ⁵
Hex(A2A5AB)	Ratio: 1.90 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(6E827C)	Ratio: 1.15 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(515357)	Ratio: 1.65 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.89 Failed ⁵		Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(D6D6D6)	Ratio: 3.22 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 5.30 AA ¹ AAA 18pt ⁴		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(575757)	Ratio: 1.54 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.07 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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