

Converting Colors - WCAG Matrix

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

Hex(186C84) Hex(80A1AB) Hex(18842F) Hex(3D5157) Hex(D6D6D6) Hex(575757)

	Hex(186C84)	Hex(80A1AB)	Hex(18842F)	Hex(3D5157)	Hex(D6D6D6)	Hex(575757)
Hex(186C84)		Ratio: 2.16 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 1.21 Failed ⁵
Hex(80A1AB)	Ratio: 2.16 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(18842F)	Ratio: 1.25 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(3D5157)	Ratio: 1.40 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.74 Failed ⁵		Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(D6D6D6)	Ratio: 4.11 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 5.75 AA ¹ AAA 18pt ⁴		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(575757)	Ratio: 1.21 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.16 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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