

Converting Colors - WCAG Matrix

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

Hex(3E5382) Hex(8D96A8) Hex(3E826C) Hex(444954) Hex(D4D4D4) Hex(545454)

	Hex(3E5382)	Hex(8D96A8)	Hex(3E826C)	Hex(444954)	Hex(D4D4D4)	Hex(545454)
Hex(3E5382)		Ratio: 2.55 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(8D96A8)	Ratio: 2.55 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(3E826C)	Ratio: 1.67 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.66 Failed ⁵
Hex(444954)	Ratio: 1.19 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.98 Failed ⁵		Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(D4D4D4)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 6.09 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.00 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.11 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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