

Converting Colors - WCAG Matrix

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

Hex(454559) Hex(6D6D75) Hex(455959) Hex(36363B) Hex(BABABA) Hex(3B3B3B)

	Hex(454559)	Hex(6D6D75)	Hex(455959)	Hex(36363B)	Hex(BABABA)	Hex(3B3B3B)
Hex(454559)		Ratio: 1.82 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(6D6D75)	Ratio: 1.82 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(455959)	Ratio: 1.26 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(36363B)	Ratio: 1.29 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(BABABA)	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 2.64 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 6.19 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.20 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.77 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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