

Converting Colors - WCAG Matrix

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

Hex(363F30) Hex(4E524C) Hex(3F3930) Hex(272926) Hex(A8A8A8) Hex(292929)

	Hex(363F30)	Hex(4E524C)	Hex(3F3930)	Hex(272926)	Hex(A8A8A8)	Hex(292929)
Hex(363F30)		Ratio: 1.38 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(4E524C)	Ratio: 1.38 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.83 Failed ⁵
Hex(3F3930)	Ratio: 1.04 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(272926)	Ratio: 1.33 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(A8A8A8)	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 3.35 AA 18pt ²	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 6.17 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.32 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.12 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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