

Converting Colors - WCAG Matrix

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

Hex(022235) Hex(313D45) Hex(023515) Hex(171F24) Hex(A3A3A3) Hex(242424)

	Hex(022235)	Hex(313D45)	Hex(023515)	Hex(171F24)	Hex(A3A3A3)	Hex(242424)
Hex(022235)		Ratio: 1.47 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(313D45)	Ratio: 1.47 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(023515)	Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(171F24)	Ratio: 1.02 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 6.62 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(A3A3A3)	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 4.42 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 6.62 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(242424)	Ratio: 1.05 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 6.15 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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