

Converting Colors - WCAG Matrix

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

Hex(003536) Hex(304545) Hex(003601) Hex(172324) Hex(A3A3A3) Hex(242424)

	Hex(003536)	Hex(304545)	Hex(003601)	Hex(172324)	Hex(A3A3A3)	Hex(242424)
Hex(003536)		Ratio: 1.32 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(304545)	Ratio: 1.32 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(003601)	Ratio: 1.02 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(172324)	Ratio: 1.20 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(A3A3A3)	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 4.04 AA 18pt ²	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 6.39 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(242424)	Ratio: 1.16 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.04 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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