

Converting Colors - WCAG Matrix

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

Hex(005354) Hex(4D6D6E) Hex(005400) Hex(243838) Hex(B8B8B8) Hex(383838)

	Hex(005354)	Hex(4D6D6E)	Hex(005400)	Hex(243838)	Hex(B8B8B8)	Hex(383838)
Hex(005354)		Ratio: 1.58 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 1.32 Failed ⁵
Hex(4D6D6E)	Ratio: 1.58 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(005400)	Ratio: 1.04 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(243838)	Ratio: 1.39 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(B8B8B8)	Ratio: 4.48 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 6.24 AA ¹ AAA 18pt ⁴		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.32 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.91 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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