

Converting Colors - WCAG Matrix

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

Hex(18404B) Hex(4E5D61) Hex(184B22) Hex(252E30) Hex(B0B0B0) Hex(303030)

	Hex(18404B)	Hex(4E5D61)	Hex(184B22)	Hex(252E30)	Hex(B0B0B0)	Hex(303030)
Hex(18404B)		Ratio: 1.63 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(4E5D61)	Ratio: 1.63 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.92 Failed ⁵
Hex(184B22)	Ratio: 1.10 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(252E30)	Ratio: 1.24 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(B0B0B0)	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 3.16 AA 18pt ²	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 6.40 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.18 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.09 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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