

Converting Colors - WCAG Matrix

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

Hex(0B3834) Hex(384A48) Hex(10380B) Hex(1B2625) Hex(A6A6A6) Hex(262626)

	Hex(0B3834)	Hex(384A48)	Hex(10380B)	Hex(1B2625)	Hex(A6A6A6)	Hex(262626)
Hex(0B3834)		Ratio: 1.38 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(384A48)	Ratio: 1.38 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 1.62 Failed ⁵
Hex(10380B)	Ratio: 1.02 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(1B2625)	Ratio: 1.21 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(A6A6A6)	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 3.85 AA 18pt ²	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 6.39 AA ¹ AAA 18pt ⁴		Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(262626)	Ratio: 1.17 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.22 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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