

Converting Colors - WCAG Matrix

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

Hex(003B26) Hex(364D44) Hex(163B00) Hex(182621) Hex(A6A6A6) Hex(262626)

	Hex(003B26)	Hex(364D44)	Hex(163B00)	Hex(182621)	Hex(A6A6A6)	Hex(262626)
Hex(003B26)		Ratio: 1.39 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(364D44)	Ratio: 1.39 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.66 Failed ⁵
Hex(163B00)	Ratio: 1.00 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(182621)	Ratio: 1.24 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(A6A6A6)	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 3.75 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 6.45 AA ¹ AAA 18pt ⁴		Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(262626)	Ratio: 1.19 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.04 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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