

Converting Colors - WCAG Matrix

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

Hex(0036A6) Hex(96ABD6) Hex(00A66F) Hex(45516B) Hex(EBEBEB) Hex(6B6B6B)

	Hex(0036A6)	Hex(96ABD6)	Hex(00A66F)	Hex(45516B)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(0036A6)		Ratio: 4.37 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 8.48 Passed ⁶	Ratio: 1.90 Failed ⁵
Hex(96ABD6)	Ratio: 4.37 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(00A66F)	Ratio: 3.22 AA 18pt ²	Ratio: 1.36 Failed ⁵		Ratio: 2.53 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(45516B)	Ratio: 1.27 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 2.53 Failed ⁵		Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 1.49 Failed ⁵
Hex(EBEBEB)	Ratio: 8.48 Passed ⁶	Ratio: 1.94 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 6.67 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.90 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 4.47 AA 18pt ²	

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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