

Converting Colors - WCAG Matrix

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

Hex(0065A3) Hex(94BBD4) Hex(00A33F) Hex(455C6B) Hex(EBEBEB) Hex(6B6B6B)

	Hex(0065A3)	Hex(94BBD4)	Hex(00A33F)	Hex(455C6B)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(0065A3)		Ratio: 3.04 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(94BBD4)	Ratio: 3.04 AA 18pt ²		Ratio: 1.64 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(00A33F)	Ratio: 1.86 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(455C6B)	Ratio: 1.13 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 2.11 Failed ⁵		Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(EBEBEB)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.71 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 5.88 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.16 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.32 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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