

Converting Colors - WCAG Matrix

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

Hex(5A80A5) Hex(B8C7D6) Hex(5AA57E) Hex(59626B) Hex(EBEBEB) Hex(6B6B6B)

	Hex(5A80A5)	Hex(B8C7D6)	Hex(5AA57E)	Hex(59626B)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(5A80A5)		Ratio: 2.40 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.29 Failed ⁵
Hex(B8C7D6)	Ratio: 2.40 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.45 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(5AA57E)	Ratio: 1.41 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(59626B)	Ratio: 1.50 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 2.10 Failed ⁵		Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(EBEBEB)	Ratio: 3.48 AA 18pt ²	Ratio: 1.45 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.29 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 1.16 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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