

Converting Colors - WCAG Matrix

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

Hex(005B8A) Hex(7DA0B3) Hex(008A2E) Hex(394E59) Hex(D9D9D9) Hex(595959)

	Hex(005B8A)	Hex(7DA0B3)	Hex(008A2E)	Hex(394E59)	Hex(D9D9D9)	Hex(595959)
Hex(005B8A)		Ratio: 2.64 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(7DA0B3)	Ratio: 2.64 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.97 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(008A2E)	Ratio: 1.63 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.56 Failed ⁵
Hex(394E59)	Ratio: 1.19 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.94 Failed ⁵		Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(D9D9D9)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 6.18 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.05 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 4.96 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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