

Converting Colors - WCAG Matrix

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

Hex(7DA557) Hex(98D65C) Hex(57A557) Hex(4D5249) Hex(479100) Hex(091200)

	Hex(7DA557)	Hex(98D65C)	Hex(57A557)	Hex(4D5249)	Hex(479100)	Hex(091200)
Hex(7DA557)		Ratio: 1.64 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 6.73 AA ¹ AAA 18pt ⁴
Hex(98D65C)	Ratio: 1.64 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 11.03 Passed ⁶
Hex(57A557)	Ratio: 1.07 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 2.64 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 6.31 AA ¹ AAA 18pt ⁴
Hex(4D5249)	Ratio: 2.82 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 2.64 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(479100)	Ratio: 1.39 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(091200)	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 11.03 Passed ⁶	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 2.38 Failed ⁵	Ratio: 4.84 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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