

Converting Colors - WCAG Matrix

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

Hex(757674) Hex(979996) Hex(747674) Hex(3A3B39) Hex(3D7A00) Hex(7DFA00)

	Hex(757674)	Hex(979996)	Hex(747674)	Hex(3A3B39)	Hex(3D7A00)	Hex(7DFA00)
Hex(757674)		Ratio: 1.59 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(979996)	Ratio: 1.59 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(747674)	Ratio: 1.00 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(3A3B39)	Ratio: 2.47 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 2.46 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 8.34 Passed ⁶
Hex(3D7A00)	Ratio: 1.16 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 3.90 AA 18pt ²
Hex(7DFA00)	Ratio: 3.38 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 8.34 Passed ⁶	Ratio: 3.90 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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