

Converting Colors - WCAG Matrix

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

Hex(665F00) Hex(857C00) Hex(3C6600) Hex(33332E) Hex(736B00) Hex(F2E200)

	Hex(665F00)	Hex(857C00)	Hex(3C6600)	Hex(33332E)	Hex(736B00)	Hex(F2E200)
Hex(665F00)		Ratio: 1.52 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴
Hex(857C00)	Ratio: 1.52 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(3C6600)	Ratio: 1.04 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴
Hex(33332E)	Ratio: 1.94 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 9.47 Passed ⁶
Hex(736B00)	Ratio: 1.20 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.32 Failed ⁵		Ratio: 4.09 AA 18pt ²
Hex(F2E200)	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 3.21 AA 18pt ²	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 9.47 Passed ⁶	Ratio: 4.09 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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