

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(352E1C) Hex(453A1E) Hex(30351C) Hex(1A1917) Hex(594000) Hex(D99C00)

Hex(352E1C)		Ratio: 1.20 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 5.58 AA ¹ AAA 18pt ⁴
Hex(453A1E)	Ratio: 1.20 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(30351C)	Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(1A1917)	Ratio: 1.30 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 7.28 Passed ⁶
Hex(594000)	Ratio: 1.38 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 4.03 AA 18pt ²
Hex(D99C00)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 7.28 Passed ⁶	Ratio: 4.03 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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