

Converting Colors - WCAG Matrix

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

Hex(401B1C) Hex(54191B) Hex(402B1B) Hex(211E1E) Hex(610003) Hex(E00008)

	Hex(401B1C)	Hex(54191B)	Hex(402B1B)	Hex(211E1E)	Hex(610003)	Hex(E00008)
Hex(401B1C)		Ratio: 1.10 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(54191B)	Ratio: 1.10 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(402B1B)	Ratio: 1.13 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(211E1E)	Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(610003)	Ratio: 1.08 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(E00008)	Ratio: 3.00 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 2.76 Failed ⁵	

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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