

Converting Colors - WCAG Matrix

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

Hex(412E2F) Hex(543738) Hex(2E3941) Hex(211E1E) Hex(610005) Hex(E0000C)

	Hex(412E2F)	Hex(543738)	Hex(2E3941)	Hex(211E1E)	Hex(610005)	Hex(E0000C)
Hex(412E2F)		Ratio: 1.20 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(543738)	Ratio: 1.20 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(2E3941)	Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(211E1E)	Ratio: 1.31 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(610005)	Ratio: 1.10 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(E0000C)	Ratio: 2.52 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.35 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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