

Converting Colors - WCAG Matrix

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

Hex(551C1D) Hex(6E1617) Hex(1C3A55) Hex(2B2727) Hex(6B0002) Hex(EB0004)

	Hex(551C1D)	Hex(6E1617)	Hex(1C3A55)	Hex(2B2727)	Hex(6B0002)	Hex(EB0004)
Hex(551C1D)		Ratio: 1.14 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(6E1617)	Ratio: 1.14 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(1C3A55)	Ratio: 1.14 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(2B2727)	Ratio: 1.10 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(6B0002)	Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(EB0004)	Ratio: 2.89 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 2.79 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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