

Converting Colors - WCAG Matrix

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

Hex(B02031) Hex(E5051F) Hex(79B020) Hex(595051) Hex(990012) Hex(190003)

	Hex(B02031)	Hex(E5051F)	Hex(79B020)	Hex(595051)	Hex(990012)	Hex(190003)
Hex(B02031)		Ratio: 1.41 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(E5051F)	Ratio: 1.41 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 4.19 AA 18pt ²
Hex(79B020)	Ratio: 2.60 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 2.99 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 7.72 Passed ⁶
Hex(595051)	Ratio: 1.15 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.99 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(990012)	Ratio: 1.31 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 2.27 Failed ⁵
Hex(190003)	Ratio: 2.97 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 7.72 Passed ⁶	Ratio: 2.58 Failed ⁵	Ratio: 2.27 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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