

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(B00038) Hex(E50049) Hex(B01E00) Hex(595053) Hex(990031) Hex(190008)

	Hex(B00038)	Hex(E50049)	Hex(B01E00)	Hex(595053)	Hex(990031)	Hex(190008)
Hex(B00038)		Ratio: 1.53 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(E50049)	Ratio: 1.53 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 4.24 AA 18pt ²
Hex(B01E00)	Ratio: 1.04 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(595053)	Ratio: 1.08 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(990031)	Ratio: 1.21 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.30 Failed ⁵
Hex(190008)	Ratio: 2.78 Failed ⁵	Ratio: 4.24 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.30 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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