

Converting Colors - WCAG Matrix

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

Hex(400040) Hex(540054) Hex(400020) Hex(211E21) Hex(610061) Hex(E000E0)

	Hex(400040)	Hex(540054)	Hex(400020)	Hex(211E21)	Hex(610061)	Hex(E000E0)
Hex(400040)		Ratio: 1.16 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 4.06 AA 18pt ²
Hex(540054)	Ratio: 1.16 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(400020)	Ratio: 1.04 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 4.23 AA 18pt ²
Hex(211E21)	Ratio: 1.02 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 4.12 AA 18pt ²
Hex(610061)	Ratio: 1.30 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 3.12 AA 18pt ²
Hex(E000E0)	Ratio: 4.06 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 4.12 AA 18pt ²	Ratio: 3.12 AA 18pt ²	

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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