

Converting Colors - WCAG Matrix

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

Hex(020003) Hex(030002) Hex(020203) Hex(2B0042) Hex(7F00C2)

Hex(020003)		Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(030002)	Ratio: 1.00 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(020203)	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(2B0042)	Ratio: 1.18 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.27 Failed ⁵
Hex(7F00C2)	Ratio: 2.67 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.65 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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