

Converting Colors - WCAG Matrix

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

Hex(1C1945) Hex(191559) Hex(321945) Hex(202024) Hex(070063) Hex(0F00E3)

	Hex(1C1945)	Hex(191559)	Hex(321945)	Hex(202024)	Hex(070063)	Hex(0F00E3)
Hex(1C1945)		Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(191559)	Ratio: 1.01 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(321945)	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(202024)	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(070063)	Ratio: 1.07 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.79 Failed ⁵
Hex(0F00E3)	Ratio: 1.67 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.79 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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