

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(76236E) Hex(5C0155) Hex(42003E) Hex(2D0028) Hex(000011) Hex(000000)

Hex(76236E)		Ratio: 1.41 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(5C0155)	Ratio: 1.41 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(42003E)	Ratio: 1.72 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(2D0028)	Ratio: 1.96 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(000011)	Ratio: 2.22 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 2.24 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.01 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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