

Converting Colors - WCAG Matrix

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

Hex(740240) Hex(960052) Hex(02746E) Hex(3B3538) Hex(7A0043) Hex(FA0088)

	Hex(740240)	Hex(960052)	Hex(02746E)	Hex(3B3538)	Hex(7A0043)	Hex(FA0088)
Hex(740240)		Ratio: 1.32 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(960052)	Ratio: 1.32 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(02746E)	Ratio: 2.04 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(3B3538)	Ratio: 1.04 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(7A0043)	Ratio: 1.05 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(FA0088)	Ratio: 2.97 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 2.84 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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