

Converting Colors - WCAG Matrix

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

Hex(744D5B) Hex(965A70) Hex(4D6F74) Hex(3B3537) Hex(7A002C) Hex(FA005A)

	Hex(744D5B)	Hex(965A70)	Hex(4D6F74)	Hex(3B3537)	Hex(7A002C)	Hex(FA005A)
Hex(744D5B)		Ratio: 1.35 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(965A70)	Ratio: 1.35 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(4D6F74)	Ratio: 1.30 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(3B3537)	Ratio: 1.69 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.19 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(7A002C)	Ratio: 1.59 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(FA005A)	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.80 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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