

Converting Colors - WCAG Matrix

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

Hex(6D176C) Hex(8F078D) Hex(6D4217) Hex(363035) Hex(750074) Hex(F500F2)

	Hex(6D176C)	Hex(8F078D)	Hex(6D4217)	Hex(363035)	Hex(750074)	Hex(F500F2)
Hex(6D176C)		Ratio: 1.30 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(8F078D)	Ratio: 1.30 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(6D4217)	Ratio: 1.23 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(363035)	Ratio: 1.22 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(750074)	Ratio: 1.01 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.07 AA 18pt ²
Hex(F500F2)	Ratio: 3.10 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 3.07 AA 18pt ²	

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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