

Converting Colors - WCAG Matrix

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

Hex(6A005C) Hex(8A0078) Hex(6A0029) Hex(363035) Hex(750066) Hex(F500D5)

	Hex(6A005C)	Hex(8A0078)	Hex(6A0029)	Hex(363035)	Hex(750066)	Hex(F500D5)
Hex(6A005C)		Ratio: 1.33 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(8A0078)	Ratio: 1.33 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(6A0029)	Ratio: 1.07 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(363035)	Ratio: 1.08 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(750066)	Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 3.00 AA 18pt ²
Hex(F500D5)	Ratio: 3.31 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 3.58 AA 18pt ²	Ratio: 3.00 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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