

Converting Colors - WCAG Matrix

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

Hex(350B38) Hex(45034A) Hex(380B25) Hex(1C191C) Hex(55005C) Hex(CC00DB)

	Hex(350B38)	Hex(45034A)	Hex(380B25)	Hex(1C191C)	Hex(55005C)	Hex(CC00DB)
Hex(350B38)		Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(45034A)	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(380B25)	Ratio: 1.01 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(1C191C)	Ratio: 1.04 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(55005C)	Ratio: 1.23 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.98 Failed ⁵
Hex(CC00DB)	Ratio: 3.65 AA 18pt ²	Ratio: 3.36 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 2.98 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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