

Converting Colors - WCAG Matrix

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

Hex(383438) Hex(4A434A) Hex(383634) Hex(1C191C) Hex(5C005C) Hex(DB00DB)

	Hex(383438)	Hex(4A434A)	Hex(383634)	Hex(1C191C)	Hex(5C005C)	Hex(DB00DB)
Hex(383438)		Ratio: 1.28 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(4A434A)	Ratio: 1.28 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(383634)	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(1C191C)	Ratio: 1.42 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.18 AA 18pt ²
Hex(5C005C)	Ratio: 1.07 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 3.13 AA 18pt ²
Hex(DB00DB)	Ratio: 2.93 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 3.13 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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