

Converting Colors - WCAG Matrix

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

Hex(383738) Hex(4A484A) Hex(373838) Hex(1C1B1C) Hex(5C005C) Hex(DB00DB)

	Hex(383738)	Hex(4A484A)	Hex(373838)	Hex(1C1B1C)	Hex(5C005C)	Hex(DB00DB)
Hex(383738)		Ratio: 1.31 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(4A484A)	Ratio: 1.31 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(373838)	Ratio: 1.01 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(1C1B1C)	Ratio: 1.45 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 4.12 AA 18pt ²
Hex(5C005C)	Ratio: 1.10 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 3.13 AA 18pt ²
Hex(DB00DB)	Ratio: 2.84 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 4.12 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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