

Converting Colors - WCAG Matrix

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

Hex(382E33) Hex(473841) Hex(2E3837) Hex(1C191B) Hex(5C0034) Hex(DB007D)

	Hex(382E33)	Hex(473841)	Hex(2E3837)	Hex(1C191B)	Hex(5C0034)	Hex(DB007D)
Hex(382E33)		Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(473841)	Ratio: 1.19 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(2E3837)	Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(1C191B)	Ratio: 1.33 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(5C0034)	Ratio: 1.07 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(DB007D)	Ratio: 2.68 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 2.86 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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