

Converting Colors - WCAG Matrix

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

Hex(363233) Hex(453F42) Hex(353632) Hex(1C191A) Hex(5C0026) Hex(DB005B)

	Hex(363233)	Hex(453F42)	Hex(353632)	Hex(1C191A)	Hex(5C0026)	Hex(DB005B)
Hex(363233)		Ratio: 1.23 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(453F42)	Ratio: 1.23 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(353632)	Ratio: 1.04 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(1C191A)	Ratio: 1.38 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(5C0026)	Ratio: 1.12 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(DB005B)	Ratio: 2.51 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.81 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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