

Converting Colors - WCAG Matrix

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

Hex(363032) Hex(473E41) Hex(363130) Hex(1C191A) Hex(5C001F) Hex(DB0049)

	Hex(363032)	Hex(473E41)	Hex(363130)	Hex(1C191A)	Hex(5C001F)	Hex(DB0049)
Hex(363032)		Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(473E41)	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(363130)	Ratio: 1.01 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(1C191A)	Ratio: 1.35 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(5C001F)	Ratio: 1.10 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(DB0049)	Ratio: 2.53 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 2.79 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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