

Converting Colors - WCAG Matrix

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

Hex(65636B) Hex(83808C) Hex(69636B) Hex(323036) Hex(1D0075) Hex(3D00F5)

	Hex(65636B)	Hex(83808C)	Hex(69636B)	Hex(323036)	Hex(1D0075)	Hex(3D00F5)
Hex(65636B)		Ratio: 1.53 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(83808C)	Ratio: 1.53 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 2.16 Failed ⁵
Hex(69636B)	Ratio: 1.01 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(323036)	Ratio: 2.20 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(1D0075)	Ratio: 2.71 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.92 Failed ⁵
Hex(3D00F5)	Ratio: 1.41 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.92 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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