

Converting Colors - WCAG Matrix

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

Hex(463346) Hex(5B3D5C) Hex(46333D) Hex(242024) Hex(600063) Hex(DC00E3)

	Hex(463346)	Hex(5B3D5C)	Hex(46333D)	Hex(242024)	Hex(600063)	Hex(DC00E3)
Hex(463346)		Ratio: 1.24 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(5B3D5C)	Ratio: 1.24 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(46333D)	Ratio: 1.01 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(242024)	Ratio: 1.39 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.94 AA 18pt ²
Hex(600063)	Ratio: 1.09 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.07 AA 18pt ²
Hex(DC00E3)	Ratio: 2.83 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 3.07 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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