

Converting Colors - WCAG Matrix

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

Hex(615E69) Hex(7B7787) Hex(665E69) Hex(323036) Hex(1F0075) Hex(4100F5)

Hex(615E69)		Ratio: 1.46 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(7B7787)	Ratio: 1.46 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.67 AA 18pt ²
Hex(665E69)	Ratio: 1.02 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(323036)	Ratio: 2.06 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 2.09 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(1F0075)	Ratio: 2.52 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.23 Failed ⁵	
Hex(4100F5)	Ratio: 1.30 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.93 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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