

Converting Colors - WCAG Matrix

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

Hex(46496E) Hex(50558F) Hex(57466E) Hex(323338) Hex(000A78) Hex(0015F7)

	Hex(46496E)	Hex(50558F)	Hex(57466E)	Hex(323338)	Hex(000A78)	Hex(0015F7)
Hex(46496E)		Ratio: 1.25 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(50558F)	Ratio: 1.25 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(57466E)	Ratio: 1.03 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(323338)	Ratio: 1.46 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(000A78)	Ratio: 1.86 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.86 Failed ⁵
Hex(0015F7)	Ratio: 1.00 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.86 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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