

Converting Colors - WCAG Matrix

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

Hex(223984) Hex(1336AB) Hex(3B2284) Hex(3C3D42) Hex(001F82) Hex(000103)

Hex(223984)		Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(1336AB)	Ratio: 1.08 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(3B2284)	Ratio: 1.14 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(3C3D42)	Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(001F82)	Ratio: 1.31 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.51 Failed ⁵
Hex(000103)	Ratio: 1.98 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.51 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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