

Converting Colors - WCAG Matrix

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

Hex(314B99) Hex(244DC7) Hex(493199) Hex(45484D) Hex(00258C) Hex(00020D)

	Hex(314B99)	Hex(244DC7)	Hex(493199)	Hex(45484D)	Hex(00258C)	Hex(00020D)
Hex(314B99)		Ratio: 1.14 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(244DC7)	Ratio: 1.14 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(493199)	Ratio: 1.19 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(45484D)	Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(00258C)	Ratio: 1.58 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.62 Failed ⁵
Hex(00020D)	Ratio: 2.56 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.62 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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