

Converting Colors - WCAG Matrix

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

Hex(54586D) Hex(676D8F) Hex(5D546D) Hex(303136) Hex(001275) Hex(0025F5)

	Hex(54586D)	Hex(676D8F)	Hex(5D546D)	Hex(303136)	Hex(001275)	Hex(0025F5)
Hex(54586D)		Ratio: 1.39 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(676D8F)	Ratio: 1.39 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 1.61 Failed ⁵
Hex(5D546D)	Ratio: 1.01 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(303136)	Ratio: 1.85 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(001275)	Ratio: 2.23 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.92 Failed ⁵
Hex(0025F5)	Ratio: 1.16 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.92 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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