

Converting Colors - WCAG Matrix

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

Hex(585468) Hex(6E6887) Hex(625468) Hex(2F2E33) Hex(170073) Hex(3000F2)

	Hex(585468)	Hex(6E6887)	Hex(625468)	Hex(2F2E33)	Hex(170073)	Hex(3000F2)
Hex(585468)		Ratio: 1.39 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(6E6887)	Ratio: 1.39 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.66 Failed ⁵
Hex(625468)	Ratio: 1.04 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(2F2E33)	Ratio: 1.85 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(170073)	Ratio: 2.25 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.88 Failed ⁵
Hex(3000F2)	Ratio: 1.20 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.88 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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