

Converting Colors - WCAG Matrix

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

Hex(4F3EBB) Hex(4B30F2) Hex(8D3EBB) Hex(56555E) Hex(16009E) Hex(04001F)

	Hex(4F3EBB)	Hex(4B30F2)	Hex(8D3EBB)	Hex(56555E)	Hex(16009E)	Hex(04001F)
Hex(4F3EBB)		Ratio: 1.10 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(4B30F2)	Ratio: 1.10 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(8D3EBB)	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(56555E)	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(16009E)	Ratio: 1.79 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.49 Failed ⁵
Hex(04001F)	Ratio: 2.67 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 1.49 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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