

Converting Colors - WCAG Matrix

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

Hex(BD5EBA) Hex(F561F2) Hex(5EBD8F) Hex(5E545E) Hex(9E0099) Hex(1F001F)

	Hex(BD5EBA)	Hex(F561F2)	Hex(5EBD8F)	Hex(5E545E)	Hex(9E0099)	Hex(1F001F)
Hex(BD5EBA)		Ratio: 1.44 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 5.08 AA ¹ AAA 18pt ⁴
Hex(F561F2)	Ratio: 1.44 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 7.30 Passed ⁶
Hex(5EBD8F)	Ratio: 1.67 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 8.49 Passed ⁶
Hex(5E545E)	Ratio: 1.88 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.15 AA 18pt ²		Ratio: 1.00 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(9E0099)	Ratio: 1.88 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.00 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(1F001F)	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 7.30 Passed ⁶	Ratio: 8.49 Passed ⁶	Ratio: 2.70 Failed ⁵	Ratio: 2.70 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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