

Converting Colors - WCAG Matrix

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

Hex(BB719E) Hex(F280C6) Hex(BBB271) Hex(5E555B) Hex(9E0060) Hex(1F0013)

	Hex(BB719E)	Hex(F280C6)	Hex(BBB271)	Hex(5E555B)	Hex(9E0060)	Hex(1F0013)
Hex(BB719E)		Ratio: 1.45 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴
Hex(F280C6)	Ratio: 1.45 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 8.13 Passed ⁶
Hex(BBB271)	Ratio: 1.63 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.32 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 9.10 Passed ⁶
Hex(5E555B)	Ratio: 2.04 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.32 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(9E0060)	Ratio: 2.28 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 2.46 Failed ⁵
Hex(1F0013)	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 8.13 Passed ⁶	Ratio: 9.10 Passed ⁶	Ratio: 2.74 Failed ⁵	Ratio: 2.46 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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