

Converting Colors - WCAG Matrix

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

Hex(BF00BE) Hex(FA00F8) Hex(BF0060) Hex(615761) Hex(A100A0) Hex(210021)

	Hex(BF00BE)	Hex(FA00F8)	Hex(BF0060)	Hex(615761)	Hex(A100A0)	Hex(210021)
Hex(BF00BE)		Ratio: 1.62 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(FA00F8)	Ratio: 1.62 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(BF0060)	Ratio: 1.17 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(615761)	Ratio: 1.30 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(A100A0)	Ratio: 1.31 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(210021)	Ratio: 3.64 AA 18pt ²	Ratio: 5.91 AA ¹ AAA 18pt ⁴	Ratio: 3.11 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.78 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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