

Converting Colors - WCAG Matrix

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

Hex(FE283C) Hex(FF0018) Hex(28A8FE) Hex(807374) Hex(BF0012) Hex(400006)

	Hex(FE283C)	Hex(FF0018)	Hex(28A8FE)	Hex(807374)	Hex(BF0012)	Hex(400006)
Hex(FE283C)		Ratio: 1.06 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴
Hex(FF0018)	Ratio: 1.06 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 4.31 AA 18pt ²
Hex(28A8FE)	Ratio: 1.45 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 6.65 AA ¹ AAA 18pt ⁴
Hex(807374)	Ratio: 1.21 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(BF0012)	Ratio: 1.73 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400006)	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 4.31 AA 18pt ²	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 3.79 AA 18pt ²	Ratio: 2.64 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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