

Converting Colors - WCAG Matrix

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

Hex(FF62D4) Hex(FF42CB) Hex(FF6287) Hex(80737C) Hex(BF008B) Hex(40002E)

	Hex(FF62D4)	Hex(FF42CB)	Hex(FF6287)	Hex(80737C)	Hex(BF008B)	Hex(40002E)
Hex(FF62D4)		Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 6.32 AA ¹ AAA 18pt ⁴
Hex(FF42CB)	Ratio: 1.15 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 5.48 AA ¹ AAA 18pt ⁴
Hex(FF6287)	Ratio: 1.08 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 5.84 AA ¹ AAA 18pt ⁴
Hex(80737C)	Ratio: 1.71 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(BF008B)	Ratio: 2.22 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(40002E)	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²	Ratio: 2.85 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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