

Converting Colors - WCAG Matrix

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

Hex(D72C93) Hex(B9007A) Hex(9B0061) Hex(7E0049) Hex(610032) Hex(47001E)

	Hex(D72C93)	Hex(B9007A)	Hex(9B0061)	Hex(7E0049)	Hex(610032)	Hex(47001E)
Hex(D72C93)		Ratio: 1.40 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.63 AA 18pt ²
Hex(B9007A)	Ratio: 1.40 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(9B0061)	Ratio: 1.82 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(7E0049)	Ratio: 2.36 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(610032)	Ratio: 3.01 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(47001E)	Ratio: 3.63 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.21 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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