

Converting Colors - WCAG Matrix

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

Hex(1C0099) Hex(2400C7) Hex(660099) Hex(46454D) Hex(1A008C) Hex(02000D)

	Hex(1C0099)	Hex(2400C7)	Hex(660099)	Hex(46454D)	Hex(1A008C)	Hex(02000D)
Hex(1C0099)		Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(2400C7)	Ratio: 1.26 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(660099)	Ratio: 1.34 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(46454D)	Ratio: 1.47 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(1A008C)	Ratio: 1.06 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.41 Failed ⁵
Hex(02000D)	Ratio: 1.50 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.41 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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