

Converting Colors - WCAG Matrix

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

Hex(780004) Hex(9C0006) Hex(427800) Hex(3D3737) Hex(7D0004) Hex(FC0009)

	Hex(780004)	Hex(9C0006)	Hex(427800)	Hex(3D3737)	Hex(7D0004)	Hex(FC0009)
Hex(780004)		Ratio: 1.34 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(9C0006)	Ratio: 1.34 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(427800)	Ratio: 2.18 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(3D3737)	Ratio: 1.00 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(7D0004)	Ratio: 1.04 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(FC0009)	Ratio: 2.86 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.74 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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