

Converting Colors - WCAG Matrix

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

Hex(802E57) Hex(A62666) Hex(802E2E) Hex(40393D) Hex(800040) Hex(000000)

	Hex(802E57)	Hex(A62666)	Hex(802E2E)	Hex(40393D)	Hex(800040)	Hex(000000)
Hex(802E57)		Ratio: 1.26 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(A62666)	Ratio: 1.26 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(802E2E)	Ratio: 1.04 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(40393D)	Ratio: 1.31 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(800040)	Ratio: 1.23 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.99 Failed ⁵
Hex(000000)	Ratio: 2.45 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.99 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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