

Converting Colors - WCAG Matrix

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

Hex(76586D) Hex(5D4055) Hex(452A3E) Hex(2E1528) Hex(1C0014) Hex(000000)

	Hex(76586D)	Hex(5D4055)	Hex(452A3E)	Hex(2E1528)	Hex(1C0014)	Hex(000000)
Hex(76586D)		Ratio: 1.45 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 3.39 AA 18pt ²
Hex(5D4055)	Ratio: 1.45 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(452A3E)	Ratio: 2.05 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(2E1528)	Ratio: 2.70 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(1C0014)	Ratio: 3.20 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 3.39 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.06 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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