

Converting Colors - WCAG Matrix

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

Hex(8A6180) Hex(704967) Hex(57324F) Hex(3F1C38) Hex(290522) Hex(0B000B) Hex(000000)

	Hex(8A6180)	Hex(704967)	Hex(57324F)	Hex(3F1C38)	Hex(290522)	Hex(0B000B)	Hex(000000)
Hex(8A6180)		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 4.03 AA 18pt ²	Ratio: 4.10 AA 18pt ²
Hex(704967)	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(57324F)	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(3F1C38)	Ratio: 2.86 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(290522)	Ratio: 3.60 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(0B000B)	Ratio: 4.03 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 4.10 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.02 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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