

Converting Colors - WCAG Matrix

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

Hex(867088) Hex(6D576F) Hex(544056) Hex(3D2A3F) Hex(271529) Hex(140015) Hex(000000)

	Hex(867088)	Hex(6D576F)	Hex(544056)	Hex(3D2A3F)	Hex(271529)	Hex(140015)	Hex(000000)
Hex(867088)		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(6D576F)	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 3.24 AA 18pt ²
Hex(544056)	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(3D2A3F)	Ratio: 2.93 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(271529)	Ratio: 3.82 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(140015)	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 3.12 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 3.24 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.04 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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