

Converting Colors - WCAG Matrix

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

Hex(6D5287) Hex(885DB0) Hex(875287) Hex(3F3C42) Hex(430082) Hex(010003)

	Hex(6D5287)	Hex(885DB0)	Hex(875287)	Hex(3F3C42)	Hex(430082)	Hex(010003)
Hex(6D5287)		Ratio: 1.32 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(885DB0)	Ratio: 1.32 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 4.23 AA 18pt ²
Hex(875287)	Ratio: 1.12 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(3F3C42)	Ratio: 1.66 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(430082)	Ratio: 2.05 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.56 Failed ⁵
Hex(010003)	Ratio: 3.20 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 3.58 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 1.56 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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