

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(453383) Hex(4A2EAB) Hex(6C3383) Hex(3D3C42) Hex(1D0082) Hex(010003)

	Hex(453383)	Hex(4A2EAB)	Hex(6C3383)	Hex(3D3C42)	Hex(1D0082)	Hex(010003)
Hex(453383)		Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(4A2EAB)	Ratio: 1.10 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(6C3383)	Ratio: 1.19 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(3D3C42)	Ratio: 1.07 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(1D0082)	Ratio: 1.49 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵
Hex(010003)	Ratio: 2.05 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.37 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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