

Converting Colors - WCAG Matrix

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

Hex(3D12B6) Hex(3E00ED) Hex(8D12B6) Hex(55535C) Hex(28009C) Hex(07001C)

	Hex(3D12B6)	Hex(3E00ED)	Hex(8D12B6)	Hex(55535C)	Hex(28009C)	Hex(07001C)
Hex(3D12B6)		Ratio: 1.24 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(3E00ED)	Ratio: 1.24 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(8D12B6)	Ratio: 1.48 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(55535C)	Ratio: 1.42 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(28009C)	Ratio: 1.25 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 1.53 Failed ⁵
Hex(07001C)	Ratio: 1.91 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.53 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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