

Converting Colors - WCAG Matrix

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

Hex(1D083D) Hex(1F004F) Hex(37083D) Hex(1D1C1F) Hex(25005E) Hex(5800DE)

	Hex(1D083D)	Hex(1F004F)	Hex(37083D)	Hex(1D1C1F)	Hex(25005E)	Hex(5800DE)
Hex(1D083D)		Ratio: 1.01 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(1F004F)	Ratio: 1.01 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(37083D)	Ratio: 1.10 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(1D1C1F)	Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(25005E)	Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.99 Failed ⁵
Hex(5800DE)	Ratio: 2.14 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.99 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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