

Converting Colors - WCAG Matrix

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

Hex(36087B) Hex(4000A1) Hex(70087B) Hex(3A373D) Hex(32007D) Hex(6500FC)

	Hex(36087B)	Hex(4000A1)	Hex(70087B)	Hex(3A373D)	Hex(32007D)	Hex(6500FC)
Hex(36087B)		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(4000A1)	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(70087B)	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(3A373D)	Ratio: 1.21 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(32007D)	Ratio: 1.03 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.07 Failed ⁵
Hex(6500FC)	Ratio: 2.00 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.07 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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