

Converting Colors - WCAG Matrix

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

	Hex(000C6E)	Hex(0B166E)	Hex(16206E)	Hex(212A6E)	Hex(2C336E)	Hex(373D6E)	Hex(42476E)	Hex(4D516E)	Hex(585A6E)	Hex(63646E)
Hex(000C6E)		Ratio: 1.06 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(0B166E)	Ratio: 1.06 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(16206E)	Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(212A6E)	Ratio: 1.27 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(2C336E)	Ratio: 1.41 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(373D6E)	Ratio: 1.61 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(42476E)	Ratio: 1.85 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(4D516E)	Ratio: 2.13 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(585A6E)	Ratio: 2.43 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(63646E)	Ratio: 2.80 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 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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