

Converting Colors - WCAG Matrix

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

Hex(132854) Hex(09286E) Hex(1F1354) Hex(27282B) Hex(00216B) Hex(0049EB)

	Hex(132854)	Hex(09286E)	Hex(1F1354)	Hex(27282B)	Hex(00216B)	Hex(0049EB)
Hex(132854)		Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(09286E)	Ratio: 1.06 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(1F1354)	Ratio: 1.14 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(27282B)	Ratio: 1.02 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(00216B)	Ratio: 1.02 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.20 Failed ⁵
Hex(0049EB)	Ratio: 2.16 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.20 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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