

Converting Colors - WCAG Matrix

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

Hex(112655) Hex(04256E) Hex(1D1155) Hex(27282B) Hex(00216B) Hex(0048EB)

	Hex(112655)	Hex(04256E)	Hex(1D1155)	Hex(27282B)	Hex(00216B)	Hex(0048EB)
Hex(112655)		Ratio: 1.04 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(04256E)	Ratio: 1.04 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(1D1155)	Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(27282B)	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(00216B)	Ratio: 1.00 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.19 Failed ⁵
Hex(0048EB)	Ratio: 2.18 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.19 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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