

Converting Colors - WCAG Matrix

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

Hex(414356) Hex(505370) Hex(494156) Hex(27272B) Hex(000A6B) Hex(0016EB)

	Hex(414356)	Hex(505370)	Hex(494156)	Hex(27272B)	Hex(000A6B)	Hex(0016EB)
Hex(414356)		Ratio: 1.30 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(505370)	Ratio: 1.30 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(494156)	Ratio: 1.01 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(27272B)	Ratio: 1.53 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(000A6B)	Ratio: 1.72 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.84 Failed ⁵
Hex(0016EB)	Ratio: 1.07 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.84 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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