

Converting Colors - WCAG Matrix

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

	Hex(1A32B6)	Hex(001C9A)	Hex(000980)	Hex(000066)	Hex(00094D)	Hex(000535)	Hex(00021F)	Hex(000001)	Hex(000000)
Hex(1A32B6)		Ratio: 1.33 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(001C9A)	Ratio: 1.33 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(000980)	Ratio: 1.61 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(000066)	Ratio: 1.83 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(00094D)	Ratio: 1.90 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(000535)	Ratio: 2.03 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(00021F)	Ratio: 2.12 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(000001)	Ratio: 2.17 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 2.18 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 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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