

Converting Colors - WCAG Matrix

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

Hex(022061) Hex(59647D) Hex(026141) Hex(293140) Hex(BFBFBF) Hex(404040)

	Hex(022061)	Hex(59647D)	Hex(026141)	Hex(293140)	Hex(BFBFBF)	Hex(404040)
Hex(022061)		Ratio: 2.56 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 8.26 Passed ⁶	Ratio: 1.47 Failed ⁵
Hex(59647D)	Ratio: 2.56 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.75 Failed ⁵
Hex(026141)	Ratio: 2.02 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(293140)	Ratio: 1.16 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 7.10 Passed ⁶	Ratio: 1.26 Failed ⁵
Hex(BFBFBF)	Ratio: 8.26 Passed ⁶	Ratio: 3.22 AA 18pt ²	Ratio: 4.09 AA 18pt ²	Ratio: 7.10 Passed ⁶		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.47 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴	

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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