

Converting Colors - WCAG Matrix

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

Hex(00205C) Hex(546078) Hex(005C3C) Hex(272F3D) Hex(BDBDBD) Hex(3D3D3D)

	Hex(00205C)	Hex(546078)	Hex(005C3C)	Hex(272F3D)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(00205C)		Ratio: 2.44 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 8.21 Passed ⁶	Ratio: 1.42 Failed ⁵
Hex(546078)	Ratio: 2.44 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.72 Failed ⁵
Hex(005C3C)	Ratio: 1.91 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 4.31 AA 18pt ²	Ratio: 1.34 Failed ⁵
Hex(272F3D)	Ratio: 1.15 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 7.16 Passed ⁶	Ratio: 1.24 Failed ⁵
Hex(BDBDBD)	Ratio: 8.21 Passed ⁶	Ratio: 3.37 AA 18pt ²	Ratio: 4.31 AA 18pt ²	Ratio: 7.16 Passed ⁶		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.42 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.78 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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