

Converting Colors - WCAG Matrix

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

Hex(00375C) Hex(546978) Hex(005C25) Hex(27343D) Hex(BDBDBD) Hex(3D3D3D)

	Hex(00375C)	Hex(546978)	Hex(005C25)	Hex(27343D)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(00375C)		Ratio: 2.16 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(546978)	Ratio: 2.16 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.90 Failed ⁵
Hex(005C25)	Ratio: 1.50 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 1.32 Failed ⁵
Hex(27343D)	Ratio: 1.03 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 6.80 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(BDBDBD)	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 3.05 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 6.80 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.14 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.18 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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