

Converting Colors - WCAG Matrix

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

Hex(00425C) Hex(546E78) Hex(005C17) Hex(26383D) Hex(BDBDBD) Hex(3D3D3D)

	Hex(00425C)	Hex(546E78)	Hex(005C17)	Hex(26383D)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(00425C)		Ratio: 2.01 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(546E78)	Ratio: 2.01 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(005C17)	Ratio: 1.32 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 1.32 Failed ⁵
Hex(26383D)	Ratio: 1.13 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(BDBDBD)	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 2.88 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 6.52 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.00 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.13 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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