

Converting Colors - WCAG Matrix

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

Hex(024F5A) Hex(537175) Hex(025A0C) Hex(26383B) Hex(BABABA) Hex(3B3B3B)

	Hex(024F5A)	Hex(537175)	Hex(025A0C)	Hex(26383B)	Hex(BABABA)	Hex(3B3B3B)
Hex(024F5A)		Ratio: 1.76 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(537175)	Ratio: 1.76 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(025A0C)	Ratio: 1.09 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 1.32 Failed ⁵
Hex(26383B)	Ratio: 1.33 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(BABABA)	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 2.71 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 6.32 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.21 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.77 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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