

Converting Colors - WCAG Matrix

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

Hex(072F43) Hex(3F4F57) Hex(07431A) Hex(1D272B) Hex(ABABAB) Hex(2B2B2B)

	Hex(072F43)	Hex(3F4F57)	Hex(07431A)	Hex(1D272B)	Hex(ABABAB)	Hex(2B2B2B)
Hex(072F43)		Ratio: 1.65 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(3F4F57)	Ratio: 1.65 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.66 Failed ⁵
Hex(07431A)	Ratio: 1.22 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(1D272B)	Ratio: 1.09 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(ABABAB)	Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 6.64 AA ¹ AAA 18pt ⁴		Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(2B2B2B)	Ratio: 1.01 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 6.17 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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