

Converting Colors - WCAG Matrix

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

Hex(203241) Hex(484E54) Hex(20412F) Hex(24282B) Hex(ABABAB) Hex(2B2B2B)

	Hex(203241)	Hex(484E54)	Hex(20412F)	Hex(24282B)	Hex(ABABAB)	Hex(2B2B2B)
Hex(203241)		Ratio: 1.56 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(484E54)	Ratio: 1.56 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.68 Failed ⁵
Hex(20412F)	Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(24282B)	Ratio: 1.13 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(ABABAB)	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 6.47 AA ¹ AAA 18pt ⁴		Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(2B2B2B)	Ratio: 1.07 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.05 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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