

Converting Colors - WCAG Matrix

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

Hex(20303B) Hex(42484D) Hex(203B2B) Hex(202426) Hex(A6A6A6) Hex(262626)

	Hex(20303B)	Hex(42484D)	Hex(203B2B)	Hex(202426)	Hex(A6A6A6)	Hex(262626)
Hex(20303B)		Ratio: 1.46 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(42484D)	Ratio: 1.46 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 1.63 Failed ⁵
Hex(203B2B)	Ratio: 1.11 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(202426)	Ratio: 1.15 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(A6A6A6)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 6.43 AA ¹ AAA 18pt ⁴		Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(262626)	Ratio: 1.12 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.22 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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