

Converting Colors - WCAG Matrix

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

Hex(1E2C44) Hex(484E57) Hex(1E4435) Hex(23262B) Hex(ABABAB) Hex(2B2B2B)

	Hex(1E2C44)	Hex(484E57)	Hex(1E4435)	Hex(23262B)	Hex(ABABAB)	Hex(2B2B2B)
Hex(1E2C44)		Ratio: 1.67 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(484E57)	Ratio: 1.67 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.69 Failed ⁵
Hex(1E4435)	Ratio: 1.29 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(23262B)	Ratio: 1.08 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 6.61 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(ABABAB)	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 3.65 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 6.61 AA ¹ AAA 18pt ⁴		Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(2B2B2B)	Ratio: 1.01 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.07 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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