

Converting Colors - WCAG Matrix

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

Hex(52404B) Hex(6B6468) Hex(474052) Hex(363134) Hex(B5B5B5) Hex(363636)

	Hex(52404B)	Hex(6B6468)	Hex(474052)	Hex(363134)	Hex(B5B5B5)	Hex(363636)
Hex(52404B)		Ratio: 1.66 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(6B6468)	Ratio: 1.66 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(474052)	Ratio: 1.03 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(363134)	Ratio: 1.33 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(B5B5B5)	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 2.81 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 6.22 AA ¹ AAA 18pt ⁴		Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(363636)	Ratio: 1.26 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 5.89 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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