

Converting Colors - WCAG Matrix

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

Hex(48424B) Hex(5F5D61) Hex(42464B) Hex(302E30) Hex(B0B0B0) Hex(303030)

	Hex(48424B)	Hex(5F5D61)	Hex(42464B)	Hex(302E30)	Hex(B0B0B0)	Hex(303030)
Hex(48424B)		Ratio: 1.50 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 4.49 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(5F5D61)	Ratio: 1.50 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 2.03 Failed ⁵
Hex(42464B)	Ratio: 1.02 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(302E30)	Ratio: 1.38 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(B0B0B0)	Ratio: 4.49 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 4.38 AA 18pt ²	Ratio: 6.21 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.36 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.09 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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