

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(473C4B) Hex(5F5B61) Hex(3C404B) Hex(302D30) Hex(B0B0B0) Hex(303030)

	Hex(473C4B)	Hex(5F5B61)	Hex(3C404B)	Hex(302D30)	Hex(B0B0B0)	Hex(303030)
Hex(473C4B)		Ratio: 1.57 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(5F5B61)	Ratio: 1.57 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.98 Failed ⁵
Hex(3C404B)	Ratio: 1.01 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(302D30)	Ratio: 1.31 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(B0B0B0)	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 3.07 AA 18pt ²	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 6.27 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.27 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.03 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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