

Converting Colors - WCAG Matrix

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

Hex(283C4B) Hex(535B61) Hex(284B37) Hex(282D30) Hex(B0B0B0) Hex(303030)

	Hex(283C4B)	Hex(535B61)	Hex(284B37)	Hex(282D30)	Hex(B0B0B0)	Hex(303030)
Hex(283C4B)		Ratio: 1.65 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(535B61)	Ratio: 1.65 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 1.91 Failed ⁵
Hex(284B37)	Ratio: 1.17 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵
Hex(282D30)	Ratio: 1.22 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(B0B0B0)	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 3.19 AA 18pt ²	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 6.42 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.16 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.06 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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