

Converting Colors - WCAG Matrix

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

Hex(4F2B00) Hex(665847) Hex(4F0025) Hex(332B21) Hex(B3B3B3) Hex(333333)

	Hex(4F2B00)	Hex(665847)	Hex(4F0025)	Hex(332B21)	Hex(B3B3B3)	Hex(333333)
Hex(4F2B00)		Ratio: 1.82 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(665847)	Ratio: 1.82 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.84 Failed ⁵
Hex(4F0025)	Ratio: 1.23 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 7.37 Passed ⁶	Ratio: 1.22 Failed ⁵
Hex(332B21)	Ratio: 1.11 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(B3B3B3)	Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²	Ratio: 7.37 Passed ⁶	Ratio: 6.64 AA ¹ AAA 18pt ⁴		Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(333333)	Ratio: 1.01 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 6.03 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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