

Converting Colors - WCAG Matrix

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

Hex(404232) Hex(53573E) Hex(384232) Hex(21211E) Hex(516100) Hex(BBE000)

	Hex(404232)	Hex(53573E)	Hex(384232)	Hex(21211E)	Hex(516100)	Hex(BBE000)
Hex(404232)		Ratio: 1.37 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 6.74 AA ¹ AAA 18pt ⁴
Hex(53573E)	Ratio: 1.37 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 4.92 AA ¹ AAA 18pt ⁴
Hex(384232)	Ratio: 1.03 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 6.91 AA ¹ AAA 18pt ⁴
Hex(21211E)	Ratio: 1.57 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.35 Failed ⁵	Ratio: 10.59 Passed ⁶
Hex(516100)	Ratio: 1.50 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 2.35 Failed ⁵		Ratio: 4.50 AA ¹ AAA 18pt ⁴
Hex(BBE000)	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 10.59 Passed ⁶	Ratio: 4.50 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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