

Converting Colors - WCAG Matrix

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

Hex(5E6242) Hex(7E8073) Hex(624642) Hex(3F4038) Hex(BFBFBF) Hex(404040)

	Hex(5E6242)	Hex(7E8073)	Hex(624642)	Hex(3F4038)	Hex(BFBFBF)	Hex(404040)
Hex(5E6242)		Ratio: 1.58 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.63 Failed ⁵
Hex(7E8073)	Ratio: 1.58 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(624642)	Ratio: 1.33 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(3F4038)	Ratio: 1.65 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(BFBFBF)	Ratio: 3.46 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 5.70 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.63 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.64 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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